

DERBY, ship.

Voyage from Boston to Leghorn  
and Canton; return to Boston.

Kept by Samuel Hood. 1804-5-6.

*Master - West*

DORIS, ship

Log of a voyage from Lisbon to the  
Mediterranean; Portland, Eng.

July 27 - Dec. 4, 1807.







from Lisbon

towards

| H  | K  | F  | Courfes. | Winds. | LEE-WAY. | Remarks on Monday July 27 <sup>th</sup> 1847              |
|----|----|----|----------|--------|----------|---|
| 1  |    |    |          |        |          |   |
| 2  |    |    |          |        |          |   |
| 3  |    |    |          |        |          |   |
| 4  |    |    |          |        |          | This 24 hours comes in with moderate breezes and pleasant |
| 5  |    |    |          |        |          |   |
| 6  |    |    |          |        |          |   |
| 7  | 3  |    |          |        |          |   |
| 8  | 4  |    |          |        |          | at 1 P.M. Cape Roque bore                                 |
| 9  | 11 | 11 |          |        |          | N.E. Cape Spichel bore N.E. by N                          |
| 10 | 11 |    |          |        |          | Dist. 8 Leagues from which                                |
| 11 | 11 |    |          |        |          | Stake my Dept. being in the                               |
| 12 | 11 |    |          |        |          | Lat. 38-21 N Long. 9-15 West                              |
| 1  | 1  | 4  |          |        |          |   |
| 2  | 3  | 4  |          |        |          |   |
| 3  | 3  | 4  |          |        |          |   |
| 4  | 3  | 4  |          |        |          |   |
| 5  | 4  |    |          |        |          |   |
| 6  | 1  | 1  |          |        |          |   |
| 7  | 4  | 1  |          |        |          |   |
| 8  | 4  | 4  |          |        |          |   |
| 9  | 4  | 4  |          |        |          |   |
| 10 | 4  | 11 |          |        |          |   |
| 11 | 4  |    |          |        |          |   |
| 12 | 4  |    |          |        |          |   |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 911 E   | 74    | 1-13       | 14   | 37-8         | 2 point    |          | 00-18       | 8-54     | West          |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks on Tuesday July 28 |
|----|---|---|----------|--------|----------|----------------------------|
| 1  | 1 |   |          |        |          |                            |
| 2  | 5 |   |          |        |          |                            |
| 3  | 5 |   |          |        |          |                            |
| 4  | 5 |   |          |        |          |                            |
| 5  | 5 |   |          |        |          |                            |
| 6  | 5 |   |          |        |          |                            |
| 7  | 1 |   |          |        |          |                            |
| 8  | 1 |   |          |        |          |                            |
| 9  | 5 |   |          |        |          |                            |
| 10 | 6 |   |          |        |          |                            |
| 11 | 5 |   |          |        |          |                            |
| 12 | 3 | 1 |          |        |          |                            |
| 1  | 2 |   |          |        |          |                            |
| 2  | 2 |   |          |        |          |                            |
| 3  | 2 |   |          |        |          |                            |
| 4  | 2 |   |          |        |          |                            |
| 5  | 2 |   |          |        |          |                            |
| 6  | 1 |   |          |        |          |                            |
| 7  | 1 |   |          |        |          |                            |
| 8  | 1 |   |          |        |          |                            |
| 9  | 0 |   |          |        |          |                            |
| 10 | 0 |   |          |        |          |                            |
| 11 | 0 |   |          |        |          |                            |
| 12 | 0 |   |          |        |          |                            |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 167 E   | 70    | 0-21       | 65   | 36-38        | 2          |          | 1-26        | 7-31     | West          |



| from <i>Lisbon</i> towards <i>Sant</i> |       |            |              |              |            |  |             |          |               |
|--|-------|------------|--------------|--------------|------------|--|-------------|----------|---------------|
| H                                      | K     | F          | Courses.     | Winds.       | LEE-WAY.   | Remarks on <i>Wednesday July 29<sup>th</sup></i>   |             |          |               |
| 1                                      |       |            |              |              |            |  |             |          |               |
| 2                                      |       |            |              |              |            |  |             |          |               |
| 3                                      |       |            |              |              |            |  |             |          |               |
| 4                                      |       |            |              |              |            |  |             |          |               |
| 5                                      |       |            |              |              |            |  |             |          |               |
| 6                                      |       |            |              |              |            |  |             |          |               |
| 7                                      |       |            |              |              |            |  |             |          |               |
| 8                                      |       |            |              |              |            |  |             |          |               |
| 9                                      |       |            |              |              |            |  |             |          |               |
| 10                                     |       |            |              |              |            |  |             |          |               |
| 11                                     |       |            |              |              |            |  |             |          |               |
| 12                                     |       |            |              |              |            |  |             |          |               |
| Coursfe.                               | Diff. | Diff. lat. | Dep.         | Lat. by D.R. | Variation. | M. Diff.   | Diff. Long. | Long. in | Bear. & Diff. |
|  |       |            |              |              |            |  |             |          |               |
| H                                      | K     | F          | Courses.     | Winds.       | LEE-WAY.   | Remarks on <i>Thursday July 30<sup>th</sup></i>  |             |          |               |
| 1                                      | 3     |            | 1 8          | SW           |            | <i>This 24 hours comes in with moderate Breezes and pleasant at 3 P.M. and number of <del>Spanish</del> Spanish boats come along side and board us and they fired a number of guns at us from the fort At 10 P.M. Gibraltar bore N N W Dist. 5 leagues this hill bore N N W Dist. 4 leagues from which I take my Dist. being in the lat. of Gibraltar</i><br><i>Lat by Obs 35° 58' North</i> |             |          |               |
| 2                                      | 3     |            |              |              |            |  |             |          |               |
| 3                                      | 2     |            |              |              |            |  |             |          |               |
| 4                                      | 2     |            |              |              |            |  |             |          |               |
| 5                                      | 2     |            |              |              |            |  |             |          |               |
| 6                                      | 2     |            |              |              |            |  |             |          |               |
| 7                                      | 2     |            |              |              |            |  |             |          |               |
| 8                                      | 2     |            |              |              |            |  |             |          |               |
| 9                                      | 7     |            | 8 by S       | West         |            |  |             |          |               |
| 10                                     | 7     |            |              |              |            |  |             |          |               |
| 11                                     | 7     |            | 8 by S 1/2 E |              |            |  |             |          |               |
| 12                                     | 7     |            |              |              |            |  |             |          |               |
| 1                                      | 7     |            |              |              |            |  |             |          |               |
| 2                                      | 7     |            |              |              |            |  |             |          |               |
| 3                                      | 6     |            |              |              |            |  |             |          |               |
| 4                                      | 6     |            |              |              |            |  |             |          |               |
| 5                                      | 6     |            |              |              |            |  |             |          |               |
| 6                                      | 5     |            |              |              |            |  |             |          |               |
| 7                                      | 5     |            |              |              |            |  |             |          |               |
| 8                                      | 5     |            |              |              |            |  |             |          |               |
| 9                                      | 4     |            |              |              |            |  |             |          |               |
| 10                                     | 4     |            |              |              |            |  |             |          |               |
| 11                                     | 4     |            |              |              |            |  |             |          |               |
| 12                                     | 4     |            |              |              |            |  |             |          |               |
| Coursfe.                               | Diff. | Diff. lat. | Dep.         | Lat. by D.R. | Variation. | M. Diff.   | Diff. Long. | Long. in | Bear. & Diff. |
| 489 8                                  | 87    | 0 2        | 87           | 36 7         | 1 1/2      |  | 2 15        | 2 51     | West          |

*note 1/2 knot per hour for this 3 days*



from

towards

| H  | K | F | Courses.          | Winds.  | LEE-WAY. | Remarks | Remarks on Friday 5 <sup>th</sup> |
|----|---|---|-------------------|---------|----------|---------|-----------------------------------|
| 1  | 4 | = | 8 $\frac{1}{2}$ N | Wby S   |          |         |                                   |
| 2  | 4 | 1 |                   |         |          |         |                                   |
| 3  | 4 | 1 |                   |         |          |         |                                   |
| 4  | 4 | 1 |                   |         |          |         |                                   |
| 5  | 4 | = |                   |         |          |         |                                   |
| 6  | 4 | = |                   |         |          |         |                                   |
| 7  | 4 | 1 |                   |         |          |         |                                   |
| 8  | 5 | 1 | East              | West    |          |         |                                   |
| 9  | 4 | = |                   |         |          |         |                                   |
| 10 | 4 | = |                   |         |          |         |                                   |
| 11 | 3 | = |                   |         |          |         |                                   |
| 12 | 3 | = |                   |         |          |         |                                   |
| 1  | 3 | = |                   | W. S. W |          |         |                                   |
| 2  | 3 | 1 |                   |         |          |         |                                   |
| 3  | 3 | = |                   | West    |          |         |                                   |
| 4  | 3 | = |                   |         |          |         |                                   |
| 5  | 3 | = |                   |         |          |         |                                   |
| 6  | 3 | 1 |                   |         |          |         |                                   |
| 7  | 3 | = |                   |         |          |         |                                   |
| 8  | 3 | = |                   |         |          |         |                                   |
| 9  | 3 | = |                   |         |          |         |                                   |
| 10 | 5 | = |                   |         |          |         |                                   |
| 11 | 5 | = |                   |         |          |         |                                   |
| 12 | 6 | = |                   |         |          |         |                                   |

This 24 hours comes in  
with moderate breeze and  
pleasant  
at 1 P.M. the Island  
of Moron bore Wby S Dist  
4 Leagues at 7 Cape de Gath  
bore N.E. & N. Exceed me to the  
westward bore W.N.W.  
Latter part fine breeze  
and pleasant weather  
Lat. by Obs. 36-30.8

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation.      | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|--------------|-----------------|----------|-------------|----------|---------------|
| N 71 E | 89    | 0-29       | 34   | 36-27        | 1 $\frac{1}{2}$ |          | 1-56        | 0-55     | W. S.         |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks | Remarks on Saturday August 1 <sup>st</sup> 1807 |
|----|---|---|----------|--------|----------|---------|---|
| 1  | 6 | = | East     | West   |          |         |   |
| 2  | 6 | = |          |        |          |         |   |
| 3  | 5 | 1 |          |        |          |         |   |
| 4  | 5 | 1 |          |        |          |         |   |
| 5  | 5 | 1 |          |        |          |         |   |
| 6  | 5 | 1 |          |        |          |         |   |
| 7  | 5 | 1 |          |        |          |         |   |
| 8  | 5 | 1 |          |        |          |         |   |
| 9  | 6 | = |          |        |          |         |   |
| 10 | 6 | = |          |        |          |         |   |
| 11 | 4 | = |          | S. W   |          |         |   |
| 12 | 4 | = |          |        |          |         |   |
| 1  | 6 | 1 |          |        |          |         |   |
| 2  | 7 | 1 |          |        |          |         |   |
| 3  | 6 | 1 |          |        |          |         |   |
| 4  | 6 | 1 |          |        |          |         |   |
| 5  | 6 | = |          |        |          |         |   |
| 6  | 5 | = |          |        |          |         |   |
| 7  | 5 | = |          | Wby S  |          |         |   |
| 8  | 5 | = |          |        |          |         |   |
| 9  | 6 | = |          |        |          |         |   |
| 10 | 7 | = |          |        |          |         |   |
| 11 | 7 | = |          |        |          |         |   |
| 12 | 7 | = |          |        |          |         |   |

This 24 hours comes in with  
fine breezes and pleasant  
weather  
Middle part squally weather  
Latter part fine breeze  
and Cloudy weather  
and the Land in sight on the  
Barbary Coast  
so Obs this day

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation.      | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|--------------|-----------------|----------|-------------|----------|---------------|
| N 73 E | 140   | 0-40       | 134  | 38-10        | 1 $\frac{1}{2}$ |          | 2-58        | 2-03     | East          |

Long = 2-40 East Current at the



| from <i>London</i> towards <i>Point 1807</i> |            |             |                         |                 |   |  |             |            |               |  |  |  |
|--|------------|-------------|-------------------------|-----------------|---|--|-------------|------------|---------------|--|--|--|
| H  | K          | F           | Courses.                | Winds.          | LEE-WAY.  | Remarks on <i>Monday August 2<sup>th</sup></i>                   |             |            |               |  |  |  |
| 1  | 5          |             | <i>East</i>             | <i>Variable</i> | <i>12 miles E. by S. for the Current the Eastward</i> | <i>This 24 hours comes in squally weather</i>                    |             |            |               |  |  |  |
| 2  | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 3  | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 4  | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 5  | 5          |             | <i>E by N, S E by S</i> | <i>S E E</i>    |   | <i>Middle part heavy squalls of wind and reef fore &amp; aft</i> |             |            |               |  |  |  |
| 6  | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 7  | 3          |             |                         |                 |   |  |             |            |               |  |  |  |
| 8  | 3          |             |                         |                 |   |  |             |            |               |  |  |  |
| 9  | 4          |             | <i>E by S</i>           | <i>South</i>    |   | <i>Latter part fine breeze and pleasant</i>                      |             |            |               |  |  |  |
| 10   | 6          |             |                         |                 |   |  |             |            |               |  |  |  |
| 11   | 6          |             |                         |                 |   |  |             |            |               |  |  |  |
| 12   | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 1  | 4          |             | <i>E S E</i>            | <i>West</i>     |   | <i>Latt. by Obs 39-25</i>  |             |            |               |  |  |  |
| 2  | 3          |             |                         |                 |   |  |             |            |               |  |  |  |
| 3  | 2          | 1           |                         |                 |   |  |             |            |               |  |  |  |
| 4  | 2          | 1           |                         |                 |   |  |             |            |               |  |  |  |
| 5  | 3          | 1           |                         |                 |   |  |             |            |               |  |  |  |
| 6  | 4          |             |                         |                 |   |  |             |            |               |  |  |  |
| 7  | 6          |             |                         |                 |   |  |             |            |               |  |  |  |
| 8  | 6          |             |                         |                 |   |  |             |            |               |  |  |  |
| 9  | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 10   | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 11   | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| 12   | 5          |             |                         |                 |   |  |             |            |               |  |  |  |
| Cours.                                       | Dist.      | Diff. lat.  | Dep.                    | Lat. by D.R.    | Variation.  | M. Dist.   | Diff. Long. | Long. in   | Bear. & Dist. |  |  |  |
| <i>497.8</i>                                 | <i>106</i> | <i>1-19</i> | <i>103</i>              | <i>37-29</i>    | <i>1 1/2</i>  |  | <i>2-17</i> | <i>5-9</i> | <i>East</i>   |  |  |  |

| H           | K          | F          | Courses.         | Winds.       | LEE-WAY.                                 | Remarks on <i>Monday August 3<sup>th</sup></i>  |             |             |               |  |  |  |
|-------------|------------|------------|------------------|--------------|--|---|-------------|-------------|---------------|--|--|--|
| 1           | 5          |            | <i>E by S, S</i> | <i>N N W</i> | <i>12 miles E. by S. for the Current</i> | <i>This 24 hours comes in with fine breeze and pleasant</i>   |             |             |               |  |  |  |
| 2           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 3           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 4           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 5           | 5          |            |                  |              |  | <i>Middle part the same</i>   |             |             |               |  |  |  |
| 6           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 7           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 8           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 9           | 3          | 1          |                  |              |  | <i>Latter part moderate breeze and pleasant, &amp; the Land is in sight on the Coast of the Barbary</i> |             |             |               |  |  |  |
| 10          | 3          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 11          | 3          |            |                  |              |  |   |             |             |               |  |  |  |
| 12          | 3          |            |                  |              |  |   |             |             |               |  |  |  |
| 1           | 3          |            |                  |              |  | <i>Latt. by Obs 37-30.8</i>   |             |             |               |  |  |  |
| 2           | 4          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 3           | 5          |            |                  |              |  |   |             |             |               |  |  |  |
| 4           | 2          |            |                  |              |  |   |             |             |               |  |  |  |
| 5           | 3          |            |                  |              |  |   |             |             |               |  |  |  |
| 6           | 2          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 7           | 2          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 8           | 2          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 9           | 2          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 10          | 2          | 1          |                  |              |  |   |             |             |               |  |  |  |
| 11          | 2          |            |                  |              |  |   |             |             |               |  |  |  |
| 12          | 2          |            |                  |              |  |   |             |             |               |  |  |  |
| Cours.      | Dist.      | Diff. lat. | Dep.             | Lat. by D.R. | Variation.                               | M. Dist.  | Diff. Long. | Long. in    | Bear. & Dist. |  |  |  |
| <i>East</i> | <i>190</i> | <i>0-0</i> | <i>190</i>       | <i>-</i>     | <i>1 1/2</i>                             |   | <i>2-00</i> | <i>7-19</i> |               |  |  |  |



|    |   |   | from     |          | towards  |  |  |  |  |  |
|----|---|---|----------|----------|----------|--|--|--|--|--|
| H  | K | F | Courses. | Winds.   | LEE-WAY. | Remarks on Tuesday August 4 <sup>th</sup>                |  |  |  |  |
| 1  | 1 |   | East     | Variable |          | This 24 hours comes in with moderate breeze and pleasant |  |  |  |  |
| 2  | 4 |   |          |          |          |  |  |  |  |  |
| 3  | 4 |   |          |          |          |  |  |  |  |  |
| 4  | 9 | 1 |          |          |          | Middle part fine breeze and pleasant                     |  |  |  |  |
| 5  | 3 |   |          |          |          |  |  |  |  |  |
| 6  | 3 |   |          |          |          |  |  |  |  |  |
| 7  | 3 | 1 |          |          |          | Latter part the same                                     |  |  |  |  |
| 8  | 5 | 1 |          |          |          |  |  |  |  |  |
| 9  | 5 | 1 |          |          |          |  |  |  |  |  |
| 10 | 5 | 1 |          |          |          | Latter part the same                                     |  |  |  |  |
| 11 | E |   |          |          |          |  |  |  |  |  |
| 12 | 6 |   |          |          |          |  |  |  |  |  |
| 1  | 6 |   |          |          |          | Latter part the same                                     |  |  |  |  |
| 2  | 6 |   |          |          |          |  |  |  |  |  |
| 3  | 6 |   |          |          |          |  |  |  |  |  |
| 4  | 6 |   |          |          |          | Latter part the same                                     |  |  |  |  |
| 5  | 6 |   |          |          |          |  |  |  |  |  |
| 6  | 6 |   |          |          |          |  |  |  |  |  |
| 7  | 6 |   |          |          |          | Latter part the same                                     |  |  |  |  |
| 8  | 6 |   |          |          |          |  |  |  |  |  |
| 9  | 6 |   |          |          |          |  |  |  |  |  |
| 10 | 6 |   |          |          |          | Latter part the same                                     |  |  |  |  |
| 11 | 6 |   |          |          |          |  |  |  |  |  |
| 12 | 6 |   |          |          |          |  |  |  |  |  |

| Cours.                          | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------------------------------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 184 <sup>1</sup> / <sub>2</sub> | 127   | 0-12       | 126  | 37-42         |            |          | 2-47        | 10-6     | East          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks Wednesday August 5 <sup>th</sup>                     |  |  |  |  |
|----|---|---|----------|--------|----------|--|--|--|--|--|
| 1  | 5 | 1 | E by S   | N by E |          | This 24 hours comes in with fine breeze and pleasant weather |  |  |  |  |
| 2  | 5 |   |          |        |          |  |  |  |  |  |
| 3  | 5 |   |          |        |          |  |  |  |  |  |
| 4  | 5 |   | E by S   | N by E |          | Middle part the same   |  |  |  |  |
| 5  | 5 |   |          |        |          |  |  |  |  |  |
| 6  | 5 |   |          |        |          |  |  |  |  |  |
| 7  | 5 |   | E by S   | N by E |          | Latter part Calm and pleasant                                |  |  |  |  |
| 8  | 5 |   |          |        |          |  |  |  |  |  |
| 9  | 5 |   |          |        |          |  |  |  |  |  |
| 10 | 5 |   | E by S   | N by E |          | Latter part Calm and pleasant                                |  |  |  |  |
| 11 | 3 | 1 |          |        |          |  |  |  |  |  |
| 12 | 3 | 1 |          |        |          |  |  |  |  |  |
| 1  | 3 |   |          |        |          | Latter part Calm and pleasant                                |  |  |  |  |
| 2  | 2 |   |          |        |          |  |  |  |  |  |
| 3  | 2 |   |          |        |          |  |  |  |  |  |
| 4  | 2 |   |          |        |          | Latter part Calm and pleasant                                |  |  |  |  |
| 5  | 2 |   |          |        |          |  |  |  |  |  |
| 6  | 2 |   |          |        |          |  |  |  |  |  |
| 7  | 2 |   |          |        |          | Latter part Calm and pleasant                                |  |  |  |  |
| 8  | 2 |   |          |        |          |  |  |  |  |  |
| 9  | 2 |   |          |        |          |  |  |  |  |  |
| 10 | 2 |   |          |        |          | Latter part Calm and pleasant                                |  |  |  |  |
| 11 | 2 |   |          |        |          |  |  |  |  |  |
| 12 | 2 |   |          |        |          |  |  |  |  |  |

| Cours.                          | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation.                    | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------------------------------|-------|------------|------|---------------|-------------------------------|----------|-------------|----------|---------------|
| 185 <sup>1</sup> / <sub>2</sub> | 66    | 1-6        | 66   | 37-52         | 1 <sup>1</sup> / <sub>2</sub> |          | 1-28        | 11-34    | East          |



from *Lisbon* towards *Spant* 1807

H K F Courses. Winds. LEE-WAY. Remarks on *Thursday August 6*

|    |   |   |  |  |  |  |  |  |  |
|----|---|---|--|--|--|--|--|--|--|
| 1  | 1 |   |  |  |  |  |  |  |  |
| 2  | 1 |   |  |  |  |  |  |  |  |
| 3  | 1 |   |  |  |  |  |  |  |  |
| 4  | 1 |   |  |  |  |  |  |  |  |
| 5  | 1 |   |  |  |  |  |  |  |  |
| 6  | 1 |   |  |  |  |  |  |  |  |
| 7  | 1 |   |  |  |  |  |  |  |  |
| 8  | 1 |   |  |  |  |  |  |  |  |
| 9  | 1 |   |  |  |  |  |  |  |  |
| 10 | 1 |   |  |  |  |  |  |  |  |
| 11 | 1 |   |  |  |  |  |  |  |  |
| 12 | 1 |   |  |  |  |  |  |  |  |
| 1  | 2 |   |  |  |  |  |  |  |  |
| 2  | 2 |   |  |  |  |  |  |  |  |
| 3  | 2 |   |  |  |  |  |  |  |  |
| 4  | 2 |   |  |  |  |  |  |  |  |
| 5  | 1 | 1 |  |  |  |  |  |  |  |
| 6  | 1 | 1 |  |  |  |  |  |  |  |
| 7  | 1 |   |  |  |  |  |  |  |  |
| 8  | 1 |   |  |  |  |  |  |  |  |
| 9  | 0 |   |  |  |  |  |  |  |  |
| 10 | 0 |   |  |  |  |  |  |  |  |
| 11 | 1 |   |  |  |  |  |  |  |  |
| 12 | 1 |   |  |  |  |  |  |  |  |

*E. S. E.*

*Variable*

*This 24 hours comes in with light breeze and pleasant weather*

*Middle part the same*

*Latter part light breeze and pleasant*

*Latt. by Obs 37-38N*

| Cours.      | Dist.     | Diff. lat.  | Dep.      | Lat. by D.R. | Variation.   | M. Dist. | Diff. Long.  | Long. in    | Bear. & Dist. |
|-------------|-----------|-------------|-----------|--------------|--------------|----------|--------------|-------------|---------------|
| <i>1228</i> | <i>27</i> | <i>0-14</i> | <i>27</i> | <i>37-36</i> | <i>1 1/2</i> |          | <i>0-3.5</i> | <i>12-9</i> | <i>East</i>   |

H K F Courses. Winds. LEE-WAY. Remarks on *Friday August 7<sup>th</sup>*

|    |   |   |  |  |  |  |  |  |  |
|----|---|---|--|--|--|--|--|--|--|
| 1  | 0 |   |  |  |  |  |  |  |  |
| 2  | 0 |   |  |  |  |  |  |  |  |
| 3  | 0 |   |  |  |  |  |  |  |  |
| 4  | 0 |   |  |  |  |  |  |  |  |
| 5  | 2 |   |  |  |  |  |  |  |  |
| 6  | 2 |   |  |  |  |  |  |  |  |
| 7  | 3 |   |  |  |  |  |  |  |  |
| 8  | 3 |   |  |  |  |  |  |  |  |
| 9  | 3 |   |  |  |  |  |  |  |  |
| 10 | 3 |   |  |  |  |  |  |  |  |
| 11 | 3 |   |  |  |  |  |  |  |  |
| 12 | 3 |   |  |  |  |  |  |  |  |
| 1  | 3 |   |  |  |  |  |  |  |  |
| 2  | 3 |   |  |  |  |  |  |  |  |
| 3  | 3 |   |  |  |  |  |  |  |  |
| 4  | 3 |   |  |  |  |  |  |  |  |
| 5  | 1 | 1 |  |  |  |  |  |  |  |
| 6  | 1 | 1 |  |  |  |  |  |  |  |
| 7  | 1 |   |  |  |  |  |  |  |  |
| 8  | 1 |   |  |  |  |  |  |  |  |
| 9  | 1 | 1 |  |  |  |  |  |  |  |
| 10 | 2 |   |  |  |  |  |  |  |  |
| 11 | 2 |   |  |  |  |  |  |  |  |
| 12 | 2 |   |  |  |  |  |  |  |  |

*S by E N E*

*S. S. E East*

*S by E*

*N by E*

*This 24 hours comes in with a calm and pleasant*

*Middle part moderate breeze and pleasant weather*

*Ends with pleasant weather*

*Latt. by Obs 38-00N*

| Cours.      | Dist.     | Diff. lat.  | Dep.      | Lat. by D.R. | Variation.   | M. Dist. | Diff. Long. | Long. in     | Bear. & Dist. |
|-------------|-----------|-------------|-----------|--------------|--------------|----------|-------------|--------------|---------------|
| <i>1318</i> | <i>17</i> | <i>0-18</i> | <i>11</i> | <i>37-56</i> | <i>1 1/2</i> |          | <i>0-45</i> | <i>12-24</i> | <i>East</i>   |



from

towards

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks on Saturday August 8   |  |  |  |  |
|----|---|---|----------|--------|----------|--|--|--|--|--|
| 1  | 2 |   | N E by S | E by S | 1        | <p>This 24 hours Comes in with moderate breezes and pleasant weather</p> <p>Middle part the same</p> <p>Ends with pleasant weather</p> <p>Lat. by Obs. 38-34 N</p> |  |  |  |  |
| 2  | 2 |   |          |        |          |  |  |  |  |  |
| 3  | 3 |   |          |        |          |  |  |  |  |  |
| 4  | 3 |   |          |        |          |  |  |  |  |  |
| 5  | 3 |   |          |        |          |  |  |  |  |  |
| 6  | 3 |   |          |        |          |  |  |  |  |  |
| 7  | 3 |   |          |        |          |  |  |  |  |  |
| 8  | 1 |   | N E      | E S E  | -        |  |  |  |  |  |
| 9  | 3 |   |          |        |          |  |  |  |  |  |
| 10 | 3 |   |          |        |          |  |  |  |  |  |
| 11 | 3 |   |          |        |          |  |  |  |  |  |
| 12 | 3 |   | E N E    | - - -  | -        |  |  |  |  |  |
| 1  | 2 | 1 | South    | - - -  | -        | <p>Ends with pleasant weather</p> <p>Lat. by Obs. 38-34 N</p>  |  |  |  |  |
| 2  | 2 | 1 |          |        |          |  |  |  |  |  |
| 3  | 2 |   | S W by W | - - -  | -        |  |  |  |  |  |
| 4  | 2 |   |          |        |          |  |  |  |  |  |
| 5  | 2 |   | W S by E | - - -  | -        |  |  |  |  |  |
| 6  | 2 |   |          |        |          |  |  |  |  |  |
| 7  | 2 |   |          |        |          |  |  |  |  |  |
| 8  | 2 |   | E by S   | - - -  | -        |  |  |  |  |  |
| 9  | 2 |   | S W by S | - - -  | -        |  |  |  |  |  |
| 10 | 2 |   |          |        |          |  |  |  |  |  |
| 11 | 2 |   |          |        |          |  |  |  |  |  |
| 12 | 2 |   |          |        |          |  |  |  |  |  |

| Course. | Diff. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| South   | 50    | 0-26       | 1    | 38-26         | 1 1/2      |          | 1-2         | 12-26    | East          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks on Sunday August 9  |  |  |  |  |
|----|---|---|----------|--------|----------|---|--|--|--|--|
| 1  | 2 | 1 | S W by S | E S E  | 1        | <p>This 24 hours Comes in with moderate breeze and pleasant weather</p> <p>Middle part the same</p> <p>Ends with moderate breeze and pleasant</p> <p>Lat. by Obs. 38-34 N</p> |  |  |  |  |
| 2  | 2 | 1 |          |        |          |   |  |  |  |  |
| 3  | 2 | 1 | S by W   |        |          |   |  |  |  |  |
| 4  | 2 | 1 |          |        |          |   |  |  |  |  |
| 5  | 3 |   | S S W    |        |          |   |  |  |  |  |
| 6  | 3 |   |          |        |          |   |  |  |  |  |
| 7  | 2 | 1 |          |        |          |   |  |  |  |  |
| 8  | 2 | 1 |          |        |          |   |  |  |  |  |
| 9  | 3 |   | S W by S |        |          |   |  |  |  |  |
| 10 | 4 |   |          |        |          |   |  |  |  |  |
| 11 | 3 |   |          |        |          |   |  |  |  |  |
| 12 | 3 |   |          |        |          |   |  |  |  |  |
| 1  | 2 | 1 | E by S   |        |          | <p>Lat. by Obs. 38-34 N</p>   |  |  |  |  |
| 2  | 2 | 1 | East     |        | 1        |   |  |  |  |  |
| 3  | 2 | 1 |          |        |          |   |  |  |  |  |
| 4  | 2 | 1 |          |        |          |   |  |  |  |  |
| 5  | 2 | 1 |          |        |          |   |  |  |  |  |
| 6  | 2 | 1 |          |        |          |   |  |  |  |  |
| 7  | 2 |   | E by S   |        | 0        |   |  |  |  |  |
| 8  | 2 |   |          |        |          |   |  |  |  |  |
| 9  | 2 |   | E by S   |        |          |   |  |  |  |  |
| 10 | 2 |   |          |        |          |   |  |  |  |  |
| 11 | 2 |   |          |        |          |   |  |  |  |  |
| 12 | 2 |   | East     | S S E  |          |   |  |  |  |  |

| Course. | Diff. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| S S E   | 51    | 0-11       | 13   | 38-23         | 1 1/2      |          | 16          | 12-42    | East          |



| from Lisbon towards Sant. In the ship |       |            |          |              |            |  |             |          |               |
|---------------------------------------|-------|------------|----------|--------------|------------|--|-------------|----------|---------------|
| H                                     | K     | F          | Courses. | Winds.       | LEE-WAY.   | Remarks on Monday August 10 <sup>th</sup>                      |             |          |               |
| 1                                     | 2     |            | Ely S    | Sly E        |            | This 24 hours comes in with light breezes and pleasant weather |             |          |               |
| 2                                     | 1     |            |          |              |            |  |             |          |               |
| 3                                     | 1     |            |          |              |            |  |             |          |               |
| 4                                     | 1     |            |          |              |            |  |             |          |               |
| 5                                     |       |            | Calm     |              |            | Middle part the same   |             |          |               |
| 6                                     |       |            |          |              |            |  |             |          |               |
| 7                                     |       |            |          |              |            |  |             |          |               |
| 8                                     |       |            |          |              |            |  |             |          |               |
| 9                                     |       |            | Ely N    | Sly E        |            | Ends with light breeze and pleasant weather                    |             |          |               |
| 10                                    | 1     |            |          |              |            |  |             |          |               |
| 11                                    | 1     |            |          |              |            |  |             |          |               |
| 12                                    | 2     |            |          |              |            |  |             |          |               |
| 1                                     | 2     |            | East     |              |            | Latt. by Obs. 38 = 50 N  |             |          |               |
| 2                                     | 2     |            |          |              |            |  |             |          |               |
| 3                                     | 2     |            |          |              |            |  |             |          |               |
| 4                                     | 2     |            |          |              |            |  |             |          |               |
| 5                                     | 2     |            |          |              |            |  |             |          |               |
| 6                                     | 2     |            |          |              |            |  |             |          |               |
| 7                                     | 2     |            |          |              |            |  |             |          |               |
| 8                                     | 2     |            |          |              |            |  |             |          |               |
| 9                                     | 1     |            |          |              |            |  |             |          |               |
| 10                                    | 1     |            |          |              |            |  |             |          |               |
| 11                                    | 1     |            |          |              |            |  |             |          |               |
| 12                                    | 1     |            |          |              |            |  |             |          |               |
| Course.                               | Dist. | Diff. lat. | Dep.     | Lat. by D.R. | Variation. | M. Dist.   | Diff. Long. | Long. in | Bear. & Dist. |
| NE 4 E                                | 27    | 0-13       | 26       | 38-47        | 1 1/2      |  | 0-33        | 13-15    | East          |

| H       | K     | F          | Courses. | Winds.       | LEE-WAY.   | Remarks on Tuesday August 11 <sup>th</sup>                  |             |          |               |
|---------|-------|------------|----------|--------------|------------|---|-------------|----------|---------------|
| 1       |       |            | Calm     | Calm         |            | This 24 hours comes in with light airs and pleasant weather |             |          |               |
| 2       |       |            |          |              |            |   |             |          |               |
| 3       |       |            |          |              |            |   |             |          |               |
| 4       |       |            |          |              |            |   |             |          |               |
| 5       | 1     |            | Ely N    | Sly E        |            | Ends with moderate breeze and pleasant                      |             |          |               |
| 6       | 1     |            |          |              |            |   |             |          |               |
| 7       | 2     |            |          |              |            |   |             |          |               |
| 8       | 2     |            |          |              |            |   |             |          |               |
| 9       | 2     |            | East     |              |            | Latt. by Obs. 38 = 52                                       |             |          |               |
| 10      | 2     |            |          |              |            |   |             |          |               |
| 11      | 2     |            |          |              |            |   |             |          |               |
| 12      | 2     |            |          |              |            |   |             |          |               |
| 1       | 1     |            |          | Variable     |            |   |             |          |               |
| 2       | 1     |            |          |              |            |   |             |          |               |
| 3       | 1     |            |          |              |            |   |             |          |               |
| 4       | 1     |            |          |              |            |   |             |          |               |
| 5       | 1     |            | Ely S    |              |            |   |             |          |               |
| 6       | 1     |            |          |              |            |   |             |          |               |
| 7       | 1     |            |          |              |            |   |             |          |               |
| 8       | 1     |            |          |              |            |   |             |          |               |
| 9       | 2     |            | Ely S    | Sly E        |            |   |             |          |               |
| 10      | 2     |            |          |              |            |   |             |          |               |
| 11      | 2     |            |          |              |            |   |             |          |               |
| 12      | 2     |            |          |              |            |   |             |          |               |
| Course. | Dist. | Diff. lat. | Dep.     | Lat. by D.R. | Variation. | M. Dist.  | Diff. Long. | Long. in | Bear. & Dist. |
| NE 4 E  | 27    | 0-7        | 27       | 38-57        | 1 1/2      |   | 0-34        | 13-49    |               |



$$\begin{array}{r} 18 \\ 20 \\ \hline 60 \end{array}$$

13  
20  
2160  
18.34  
20  
20.04

23/8.5  
 48  
 11.3  
 2.5  
 3

[illegible]



[illegible][illegible]



from *Ship's Head* towards

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks on Sunday August 16 |
|----|---|---|----------|--------|----------|-----------------------------|
| 1  |   |   |          |        |          |                             |
| 2  | 1 |   | S by E   | NW     |          |                             |
| 3  | 2 |   | E by S   |        |          |                             |
| 4  | 2 |   |          |        |          |                             |
| 5  | 3 |   |          |        |          |                             |
| 6  | 3 |   |          |        |          |                             |
| 7  | 3 |   |          |        |          |                             |
| 8  | 3 |   |          |        |          |                             |
| 9  | 3 |   |          |        |          |                             |
| 10 | 3 |   |          |        |          |                             |
| 11 | 3 |   |          |        |          |                             |
| 12 | 3 |   |          |        |          |                             |
| 1  | 1 |   |          |        |          |                             |
| 2  | 1 |   |          |        |          |                             |
| 3  | 1 |   |          |        |          |                             |
| 4  | 1 |   |          |        |          |                             |
| 5  | 1 |   |          |        |          |                             |
| 6  | 1 |   |          |        |          |                             |
| 7  | 1 |   |          |        |          |                             |
| 8  | 1 |   |          |        |          |                             |
| 9  | 1 |   |          |        |          |                             |
| 10 | 1 |   |          |        |          |                             |
| 11 | 1 |   |          |        |          |                             |
| 12 | 1 |   |          |        |          |                             |

This 24 hours comes in moderate breeze and pleasant weather part fine breeze and pleasant and fair ship steering to the eastward  
Even with strong breeze and fair 3 parts lower to the eastward  
Left by day 30 25

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 108 E   | 120   | 0-45       | 112  | 36 31         | 1°         |          | 2-34        | 1534     | East          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks on Monday August 17 |
|----|---|---|----------|--------|----------|-----------------------------|
| 1  |   |   |          |        |          |                             |
| 2  |   |   |          |        |          |                             |
| 3  |   |   |          |        |          |                             |
| 4  |   |   |          |        |          |                             |
| 5  |   |   |          |        |          |                             |
| 6  |   |   |          |        |          |                             |
| 7  | 1 |   |          |        |          |                             |
| 8  | 1 |   |          |        |          |                             |
| 9  | 1 |   |          |        |          |                             |
| 10 | 1 |   |          |        |          |                             |
| 11 | 1 |   |          |        |          |                             |
| 12 | 1 |   |          |        |          |                             |
| 1  | 1 |   |          |        |          |                             |
| 2  | 1 |   |          |        |          |                             |
| 3  | 1 |   |          |        |          |                             |
| 4  | 1 |   |          |        |          |                             |
| 5  | 1 |   |          |        |          |                             |
| 6  | 1 |   |          |        |          |                             |
| 7  | 1 |   |          |        |          |                             |
| 8  | 1 |   |          |        |          |                             |
| 9  | 1 |   |          |        |          |                             |
| 10 | 1 |   |          |        |          |                             |
| 11 | 1 |   |          |        |          |                             |
| 12 | 1 |   |          |        |          |                             |

This 24 hours comes in with fresh breeze and pleasant weather  
The 24 part moderate breeze and pleasant  
Even with fine breeze and pleasant  
Left by day 30 29

| Course | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 109 E  | 120   | 0-24       | 114  | 36 49         | 1          |          | 2-20        | 1534     | East          |



| from <i>Lisbon</i> — towards <i>Spain</i> |   |   |          |        |          |   |  |  |  |
|---|---|---|----------|--------|----------|---|--|--|--|
| H   | K | F | Courfes. | Winds. | LEE-WAY. | Remarks <i>Monday August 18th</i>                                     |  |  |  |
| 1   | 2 |   |          |        |          | <i>This 24 hours comes in with fine breeze and pleasant weather —</i> |  |  |  |
| 2   | 3 |   |          |        |          |   |  |  |  |
| 3   | 3 |   |          |        |          |   |  |  |  |
| 4   | 3 | 1 |          |        |          |   |  |  |  |
| 5   | 3 |   |          |        |          |   |  |  |  |
| 6   | 3 |   |          |        |          |   |  |  |  |
| 7   | 3 |   |          |        |          |   |  |  |  |
| 8   | 3 |   |          |        |          |   |  |  |  |
| 9   | 3 |   |          |        |          |   |  |  |  |
| 10  | 3 |   |          |        |          |   |  |  |  |
| 11  | 3 |   |          |        |          |   |  |  |  |
| 12  | 3 |   |          |        |          |   |  |  |  |
| 1   | 3 |   |          |        |          | <i>After part the weather comes —</i>                                 |  |  |  |
| 2   | 3 |   |          |        |          |   |  |  |  |
| 3   | 3 |   |          |        |          |   |  |  |  |
| 4   | 2 |   |          |        |          |   |  |  |  |
| 5   | 1 | 1 |          |        |          |   |  |  |  |
| 6   | 1 |   |          |        |          |   |  |  |  |
| 7   | 3 |   |          |        |          |   |  |  |  |
| 8   | 3 |   |          |        |          |   |  |  |  |
| 9   | 3 |   |          |        |          |   |  |  |  |
| 10  | 3 |   |          |        |          |   |  |  |  |
| 11  | 3 |   |          |        |          |   |  |  |  |
| 12  | 3 |   |          |        |          |   |  |  |  |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 4638    | 16    | 0-29       | 10   | 37-10        | 1          |          | 1-50        | 20-00    | East          |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks <i>Tuesday August 19</i>                                      |  |  |  |
|----|---|---|----------|--------|----------|---|--|--|--|
| 1  | 4 |   |          |        |          | <i>This 24 hours comes in with fine breeze and pleasant weather —</i> |  |  |  |
| 2  | 3 | 1 |          |        |          |   |  |  |  |
| 3  | 3 |   |          |        |          |   |  |  |  |
| 4  | 3 | 1 |          |        |          |   |  |  |  |
| 5  | 3 | 1 |          |        |          |   |  |  |  |
| 6  | 4 | 1 |          |        |          |   |  |  |  |
| 7  | 4 | 1 |          |        |          |   |  |  |  |
| 8  | 3 |   |          |        |          |   |  |  |  |
| 9  | 3 |   |          |        |          |   |  |  |  |
| 10 | 4 |   |          |        |          |   |  |  |  |
| 11 | 3 |   |          |        |          |   |  |  |  |
| 12 | 3 |   |          |        |          |   |  |  |  |
| 1  | 2 |   |          |        |          | <i>After part the fine weather part gradually</i>                     |  |  |  |
| 2  | 2 |   |          |        |          |   |  |  |  |
| 3  | 1 | 1 |          |        |          |   |  |  |  |
| 4  | 0 |   |          |        |          |   |  |  |  |
| 5  | 0 |   |          |        |          |   |  |  |  |
| 6  | 0 |   |          |        |          |   |  |  |  |
| 7  | 0 |   |          |        |          |   |  |  |  |
| 8  | 0 |   |          |        |          |   |  |  |  |
| 9  | 0 |   |          |        |          |   |  |  |  |
| 10 | 0 |   |          |        |          |   |  |  |  |
| 11 | 0 |   |          |        |          |   |  |  |  |
| 12 | 0 |   |          |        |          |   |  |  |  |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 4688    | 23    | 0-20       | 49   | 27-36        | 1          |          | 1-17        | 21-17    | East          |



from *Cybalonia* towards *6. Sealbyen*

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks |
|----|---|---|----------|--------|----------|---------|
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 4006   | 41    | 0-30       | 17   | 35-30         | 21         | 46       | 1-35        | 11-36    | East          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks |
|----|---|---|----------|--------|----------|---------|
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 1-40   | 61    | 0-30       | 17   | 35-30         | 21         | 46       | 1-35        | 11-36    | East          |



| from Cephalonia towards <i>Thessaly</i> |            |             |            |              |              |  |             |             |               |
|---|------------|-------------|------------|--------------|--------------|--|-------------|-------------|---------------|
| H                                       | K          | F           | Courses.   | Winds.       | LEE.<br>WAY. | Remarks <i>Monday October 12</i>   |             |             |               |
| 1                                       |            |             |            |              |              | <i>We at 4 hours come in with a fine breeze and pleasant weather</i>   |             |             |               |
| 2                                       |            |             |            |              |              |  |             |             |               |
| 3                                       |            |             |            |              |              |  |             |             |               |
| 4                                       |            |             |            |              |              |  |             |             |               |
| 5                                       |            |             |            |              |              |  |             |             |               |
| 6                                       |            |             |            |              |              |  |             |             |               |
| 7                                       |            |             |            |              |              |  |             |             |               |
| 8                                       |            |             |            |              |              |  |             |             |               |
| 9                                       |            |             |            |              |              |  |             |             |               |
| 10                                      |            |             |            |              |              |  |             |             |               |
| 11                                      |            |             |            |              |              |  |             |             |               |
| 12                                      |            |             |            |              |              |  |             |             |               |
| 1                                       |            |             |            |              |              | <i>Continues the journey at 4 M per the Island of Lacedaemon bearing from S.W. to S.E. by S. Lat. Obs. 38-28-5</i> |             |             |               |
| 2                                       |            |             |            |              |              |  |             |             |               |
| 3                                       |            |             |            |              |              |  |             |             |               |
| 4                                       |            |             |            |              |              |  |             |             |               |
| 5                                       |            |             |            |              |              |  |             |             |               |
| 6                                       |            |             |            |              |              |  |             |             |               |
| 7                                       |            |             |            |              |              |  |             |             |               |
| 8                                       |            |             |            |              |              |  |             |             |               |
| 9                                       |            |             |            |              |              |  |             |             |               |
| 10                                      |            |             |            |              |              |  |             |             |               |
| 11                                      |            |             |            |              |              |  |             |             |               |
| 12                                      |            |             |            |              |              |  |             |             |               |
| Cours.                                  | Dist.      | Diff. lat.  | Dep.       | Lat. by D.R. | Variation.   | M. Dist.   | Diff. Long. | Long. in    | Bear. & Dist. |
| <i>18 1/2</i>                           | <i>113</i> | <i>8-11</i> | <i>113</i> | <i>33-31</i> | <i>2</i>     |  | <i>8-23</i> | <i>5-11</i> | <i>7</i>      |
| H                                       | K          | F           | Courses.   | Winds.       | LEE.<br>WAY. | Remarks <i>Tuesday 13 Oct.</i>   |             |             |               |
| 1                                       |            |             |            |              |              | <i>The wind comes in at 4 M per the Island of Lacedaemon bearing from S.W. to S.E. by S. Lat. Obs. 38-28-5</i>     |             |             |               |
| 2                                       |            |             |            |              |              |  |             |             |               |
| 3                                       |            |             |            |              |              |  |             |             |               |
| 4                                       |            |             |            |              |              |  |             |             |               |
| 5                                       |            |             |            |              |              |  |             |             |               |
| 6                                       |            |             |            |              |              |  |             |             |               |
| 7                                       |            |             |            |              |              |  |             |             |               |
| 8                                       |            |             |            |              |              |  |             |             |               |
| 9                                       |            |             |            |              |              |  |             |             |               |
| 10                                      |            |             |            |              |              |  |             |             |               |
| 11                                      |            |             |            |              |              |  |             |             |               |
| 12                                      |            |             |            |              |              |  |             |             |               |
| 1                                       |            |             |            |              |              | <i>English gun 1/2 M per the Island of Lacedaemon bearing from S.W. to S.E. by S. Lat. Obs. 38-28-5</i>            |             |             |               |
| 2                                       |            |             |            |              |              |  |             |             |               |
| 3                                       |            |             |            |              |              |  |             |             |               |
| 4                                       |            |             |            |              |              |  |             |             |               |
| 5                                       |            |             |            |              |              |  |             |             |               |
| 6                                       |            |             |            |              |              |  |             |             |               |
| 7                                       |            |             |            |              |              |  |             |             |               |
| 8                                       |            |             |            |              |              |  |             |             |               |
| 9                                       |            |             |            |              |              |  |             |             |               |
| 10                                      |            |             |            |              |              |  |             |             |               |
| 11                                      |            |             |            |              |              |  |             |             |               |
| 12                                      |            |             |            |              |              |  |             |             |               |
| Cours.                                  | Dist.      | Diff. lat.  | Dep.       | Lat. by D.R. | Variation.   | M. Dist.   | Diff. Long. | Long. in    | Bear. & Dist. |
| <i>18 1/2</i>                           | <i>113</i> | <i>8-11</i> | <i>113</i> | <i>33-31</i> | <i>2</i>     |  | <i>8-23</i> | <i>5-11</i> | <i>7</i>      |



from *Sea Breeze* towards *Shed*

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks |
|----|---|---|----------|--------|----------|---------|
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |

| Cours. | Dist. | Dist. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 1798   | 41    | 0 47       | 07   | 38 13         | 1          |          | 1 54        | 422      | East          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks |
|----|---|---|----------|--------|----------|---------|
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |

| Cours. | Dist. | Dist. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 1798   | 31    | 1 16       | 11   | 38 4          | 1          |          | 1 42        | 2 20     | East          |

*from Sea Breeze towards Shed*



|    |   |   | from East | towards West |          |         |
|----|---|---|-----------|--------------|----------|---------|
| H  | K | F | Courses.  | Winds.       | LEE-WAY. | Remarks |
| 1  |   |   |           |              |          |         |
| 2  |   |   |           |              |          |         |
| 3  |   |   |           |              |          |         |
| 4  |   |   |           |              |          |         |
| 5  |   |   |           |              |          |         |
| 6  |   |   |           |              |          |         |
| 7  |   |   |           |              |          |         |
| 8  |   |   |           |              |          |         |
| 9  |   |   |           |              |          |         |
| 10 |   |   |           |              |          |         |
| 11 |   |   |           |              |          |         |
| 12 |   |   |           |              |          |         |
| 1  |   |   |           |              |          |         |
| 2  |   |   |           |              |          |         |
| 3  |   |   |           |              |          |         |
| 4  |   |   |           |              |          |         |
| 5  |   |   |           |              |          |         |
| 6  |   |   |           |              |          |         |
| 7  |   |   |           |              |          |         |
| 8  |   |   |           |              |          |         |
| 9  |   |   |           |              |          |         |
| 10 |   |   |           |              |          |         |
| 11 |   |   |           |              |          |         |
| 12 |   |   |           |              |          |         |

| Cours.     | Dist.      | Diff. lat. | Dep.      | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in    | Bear. & Dist. |
|------------|------------|------------|-----------|---------------|------------|----------|-------------|-------------|---------------|
| <i>100</i> | <i>110</i> | <i>139</i> | <i>92</i> | <i>37-28</i>  | <i>14</i>  |          | <i>1-38</i> | <i>1-22</i> | <i>East</i>   |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks |
|----|---|---|----------|--------|----------|---------|
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |
| 1  |   |   |          |        |          |         |
| 2  |   |   |          |        |          |         |
| 3  |   |   |          |        |          |         |
| 4  |   |   |          |        |          |         |
| 5  |   |   |          |        |          |         |
| 6  |   |   |          |        |          |         |
| 7  |   |   |          |        |          |         |
| 8  |   |   |          |        |          |         |
| 9  |   |   |          |        |          |         |
| 10 |   |   |          |        |          |         |
| 11 |   |   |          |        |          |         |
| 12 |   |   |          |        |          |         |

| Cours.     | Dist.      | Diff. lat. | Dep.      | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in    | Bear. & Dist. |
|------------|------------|------------|-----------|---------------|------------|----------|-------------|-------------|---------------|
| <i>100</i> | <i>110</i> | <i>139</i> | <i>92</i> | <i>37-28</i>  | <i>14</i>  |          | <i>1-38</i> | <i>1-22</i> | <i>East</i>   |



from

towards

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks               |
|----|---|---|----------|--------|----------|-----------------------|
| 1  | 4 |   | W 1/2 S  | East   |          |                       |
| 2  | 4 |   |          |        |          |                       |
| 3  | 4 |   |          |        |          |                       |
| 4  | 4 |   |          |        |          | 3 lines in lower part |
| 5  | 4 |   |          |        |          | in with wind          |
| 6  | 4 |   |          |        |          |                       |
| 7  | 4 |   |          |        |          |                       |
| 8  | 4 |   |          |        |          |                       |
| 9  | 4 |   | West     |        |          | lower in upper part   |
| 10 | 4 |   |          |        |          |                       |
| 11 | 4 |   |          |        |          |                       |
| 12 | 4 |   |          |        |          |                       |
| 1  | 4 |   |          |        |          |                       |
| 2  | 4 |   |          |        |          |                       |
| 3  | 4 |   |          |        |          | End with wind in      |
| 4  | 4 |   |          |        |          | lower in upper part   |
| 5  | 4 |   |          |        |          |                       |
| 6  | 4 |   |          |        |          |                       |
| 7  | 4 |   |          |        |          |                       |
| 8  | 4 |   |          |        |          |                       |
| 9  | 4 |   |          |        |          |                       |
| 10 | 4 |   |          |        |          |                       |
| 11 | 4 |   |          |        |          |                       |
| 12 | 4 |   |          |        |          |                       |

| Courses. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|----------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 1034     | 21    | 1-30       | 7.2  | 36-43         | 1.5        |          | 1-45        | 3-25     | West          |

| H  | K | F | Courses | Winds | LEE-WAY. | Remarks |
|----|---|---|---------|-------|----------|---------|
| 1  | 4 |   | West    | SE    |          |         |
| 2  | 4 |   |         |       |          |         |
| 3  | 4 |   |         |       |          |         |
| 4  | 4 |   |         |       |          |         |
| 5  | 4 |   |         |       |          |         |
| 6  | 4 |   |         |       |          |         |
| 7  | 4 |   |         |       |          |         |
| 8  | 4 |   |         |       |          |         |
| 9  | 4 |   |         |       |          |         |
| 10 | 4 |   |         |       |          |         |
| 11 | 4 |   |         |       |          |         |
| 12 | 4 |   |         |       |          |         |
| 1  | 4 |   |         |       |          |         |
| 2  | 4 |   |         |       |          |         |
| 3  | 4 |   |         |       |          |         |
| 4  | 4 |   |         |       |          |         |
| 5  | 4 |   |         |       |          |         |
| 6  | 4 |   |         |       |          |         |
| 7  | 4 |   |         |       |          |         |
| 8  | 4 |   |         |       |          |         |
| 9  | 4 |   |         |       |          |         |
| 10 | 4 |   |         |       |          |         |
| 11 | 4 |   |         |       |          |         |
| 12 | 4 |   |         |       |          |         |

| Courses | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 1034    | 50    | 1-15       | 48   | 36-44         | 1.5        |          | 1-6         | 4-41     | West          |

for Copenhagen 23 Days





from

towards

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks                         |
|----|---|---|----------|--------|----------|---------------------------------|
| 1  | 4 | 1 | W by S   | S by W | 1/4      | Wednesday Nov. 11 <sup>th</sup> |
| 2  | 3 | 1 |          |        |          | This 24 hours comes             |
| 3  | 3 | 1 |          |        |          | In with moderate breeze         |
| 4  | 4 |   |          |        |          | and pleasant weather            |
| 5  | 4 |   |          |        |          |                                 |
| 6  | 4 |   |          |        |          |                                 |
| 7  | 4 |   |          |        |          |                                 |
| 8  | 4 |   |          |        |          |                                 |
| 9  | 4 |   | W by S   |        | -        | Middle part fresh breeze        |
| 10 | 4 |   |          |        |          |                                 |
| 11 | 4 |   |          |        |          | Ends with squally weather       |
| 12 | 4 |   |          |        |          |                                 |
| 1  | 4 |   |          |        |          |                                 |
| 2  | 4 |   |          |        |          |                                 |
| 3  | 4 |   |          |        |          |                                 |
| 4  | 4 |   |          |        |          |                                 |
| 5  | 4 |   |          |        |          |                                 |
| 6  | 3 |   |          |        |          |                                 |
| 7  | 3 |   |          |        |          |                                 |
| 8  | 3 |   |          |        |          |                                 |
| 9  | 3 |   | W by S   | S by E | 1/4      | Lat. by Obs 35-37 S             |
| 10 | 3 |   |          |        |          |                                 |
| 11 | 3 |   |          |        |          |                                 |
| 12 | 3 |   |          |        |          |                                 |

| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 137 W   | 87    | 0-8        | 87   | 35-50         | 2          | -        | 2-00        | 8-11     | West          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks                        |
|----|---|---|----------|--------|----------|--------------------------------|
| 1  | 3 | 1 | W by N   | S by E | 2 1/4    | Thursday Nov. 12 <sup>th</sup> |
| 2  | 3 | 1 |          |        |          | This 24 hours comes in         |
| 3  | 3 | 1 |          |        |          | with moderate breeze and       |
| 4  | 3 | 1 |          |        |          | cloudy weather                 |
| 5  | 3 | 1 |          |        |          |                                |
| 6  | 3 | 1 |          |        |          |                                |
| 7  | 3 | 1 |          |        |          |                                |
| 8  | 3 | 1 |          |        |          |                                |
| 9  | 3 | 1 |          |        |          |                                |
| 10 | 3 | 1 |          |        |          | Middle part strong gale        |
| 11 | 3 | 1 |          |        |          | and squally weather            |
| 12 | 3 | 1 |          |        |          |                                |
| 1  | 3 | 1 | W        | S by E | -        | Ends with moderate breeze      |
| 2  | 3 | 1 |          |        |          | and squally                    |
| 3  | 3 | 1 |          |        |          |                                |
| 4  | 3 | 1 |          |        |          |                                |
| 5  | 3 | 1 |          |        |          |                                |
| 6  | 3 | 1 |          |        |          |                                |
| 7  | 3 | 1 |          |        |          |                                |
| 8  | 3 | 1 |          |        |          |                                |
| 9  | 2 | 1 |          |        |          | Lat. by Obs 35-42 S            |
| 10 | 2 | 1 |          |        |          |                                |
| 11 | 2 | 1 |          |        |          |                                |
| 12 | 3 | 1 |          |        |          |                                |

| Course. | Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 174 W   | 76    | 0-15       | 76   | 35-35         | 2          |          | 1-42        | 9-50     | West          |

Out from Gt

Three Days

| from     |       |           |          |              | towards   |   |             |         |               |  |
|----------|-------|-----------|----------|--------------|---|---|-------------|---------|---------------|--|
| H        | K     | F         | Courfes. | Winds.       | LEE-WAY.  | Remarks on Friday, November 6 <sup>th</sup>                   |             |         |               |  |
| 1        | 2     | 1         | SW       | SE           | ! Move for the Current falling to the South<br>one the average per hour | This 24 hours comes in with more moderate weather and squalls |             |         |               |  |
| 2        | 2     | 1         |          |              |   |   |             |         |               |  |
| 3        | 3     | -         | SW by W  |              |   |   |             |         |               |  |
| 4        | 3     |           |          |              |   |   |             |         |               |  |
| 5        | 3     |           |          |              |   |   |             |         |               |  |
| 6        | 3     |           |          |              |   |   |             |         |               |  |
| 7        | 3     |           |          |              |   |   |             |         |               |  |
| 8        | 3     |           |          |              |   |   |             |         |               |  |
| 9        | 3     | -         | SW       | SE           |   |   |             |         |               |  |
| 10       | 3     |           |          | SE           |   |   |             |         |               |  |
| 11       | 3     |           |          |              |   |   |             |         |               |  |
| 12       | 3     |           |          |              |   |   |             |         |               |  |
| 1        | 2     | 1         |          |              | ! Move for the Current falling to the South<br>one the average per hour | Middle part squally   |             |         |               |  |
| 2        | 2     | 1         |          |              |   |   |             |         |               |  |
| 3        | 2     | -         | SW by W  |              |   |   |             |         |               |  |
| 4        | 3     |           |          |              |   |   |             |         |               |  |
| 5        | 3     | -         | SW       |              |   |   |             |         |               |  |
| 6        | 2     | 1         |          |              |   |   |             |         |               |  |
| 7        | 2     | 1         |          |              |   |   |             |         |               |  |
| 8        | 2     | 1         |          |              |   |   |             |         |               |  |
| 9        | 1     | -         | SW by W  |              |   |   |             |         |               |  |
| 10       | 2     |           |          |              |   |   |             |         |               |  |
| 11       | 2     | -         | SW by W  | SE           |   |   |             |         |               |  |
| 12       | 2     |           |          |              |   |   |             |         |               |  |
| Courfes. | Dist. | Diff Lat. | Dep.     | Lat. by D.R. | Variation.  | M.Dist.   | Diff. Long. | Longin. | Bear. & Dist. |  |
| SW by W  | 54    | 0-12      | 54       | 35-51        | 2   |   | 1-18        | 11-14   | W             |  |
| H        | K     | F         | Courfes. | Winds.       | LEE-WAY.  | Remarks Saturday Nov. 7 <sup>th</sup>                         |             |         |               |  |
| 1        | 2     | 1         | SW       | SE           | Current & boat per hour to the South                                    | This 24 hours comes in with moderate breeze and squally       |             |         |               |  |
| 2        | 2     | 1         |          |              |   |   |             |         |               |  |
| 3        | 2     | 1         |          |              |   |   |             |         |               |  |
| 4        | 2     | 1         |          |              |   |   |             |         |               |  |
| 5        | 2     | -         | SW by S  | SE           |   |   |             |         |               |  |
| 6        | 2     |           |          |              |   |   |             |         |               |  |
| 7        | 1     | 1         |          |              |   |   |             |         |               |  |
| 8        | 1     | 1         |          |              |   |   |             |         |               |  |
| 9        | 2     | -         | SW by S  | SE           |   |   |             |         |               |  |
| 10       | 2     |           |          |              |   |   |             |         |               |  |
| 11       | 1     | 1         | SW       |              |   |   |             |         |               |  |
| 12       | 1     | 1         |          |              |   |   |             |         |               |  |
| 1        | 1     | 1         | SW by W  |              | Current & boat per hour to the South                                    | Middle part squally weather                                   |             |         |               |  |
| 2        | 1     | 1         |          |              |   |   |             |         |               |  |
| 3        | 1     | 1         |          |              |   |   |             |         |               |  |
| 4        | 1     | 1         |          |              |   |   |             |         |               |  |
| 5        | 1     | -         | SW by W  |              |   |   |             |         |               |  |
| 6        | 1     | 1         |          |              |   |   |             |         |               |  |
| 7        | 1     | 1         |          |              |   |   |             |         |               |  |
| 8        | 0     |           |          |              |   |   |             |         |               |  |
| 9        | 1     | -         | SE       | SW           |   |   |             |         |               |  |
| 10       |       |           |          |              |   |   |             |         |               |  |
| 11       | 2     |           |          |              |   |   |             |         |               |  |
| 12       | 2     |           |          |              |   |   |             |         |               |  |
| Courfes. | Dist. | Diff Lat. | Dep.     | Lat. by D.R. | Variation.  | M.Dist.   | Diff. Long. | Longin. | Bear. & Dist. |  |
| SE       | 38    | 0-9       | 25       | 36-0         | 2   |   | 0-36        | 11-50   |               |  |



| from |   |   |          | towards  |          |   |  |
|------|---|---|----------|----------|----------|---|--|
| H    | K | F | Courses. | Winds.   | LEE-WAY. | Remarks   |  |
| 1    | 3 |   | SE 3/4 E | N. by W  |          | Monday Nov. 8 <sup>th</sup>                                     |  |
| 2    | 3 |   | SE 3/4 E | Var.     |          | This 24 hours comes in with fine breeze and squally with rain — |  |
| 3    | 3 |   | SE 3/4 E |          |          |   |  |
| 4    | 3 |   | SE 3/4 E |          |          |   |  |
| 5    | 3 | 1 | SE 3/4 E |          |          |   |  |
| 6    | 3 |   |          | SE 3/4 W |          | Middle part heavy squally with rain —                           |  |
| 7    | 3 |   |          |          |          |   |  |
| 8    | 3 |   |          |          |          |   |  |
| 9    | 3 | 1 |          | West     |          |   |  |
| 10   | 3 | 1 |          |          |          | Ends with fine gale and rough sea —                             |  |
| 11   | 3 | 1 |          |          |          |   |  |
| 12   | 3 | 1 |          |          |          |   |  |
| 1    | 3 |   | SE 3/4 E |          |          | Lat. by Obs. 37-39  |  |
| 2    | 3 |   | East     | SE 3/4 W | 1 1/2    |   |  |
| 3    | 3 |   | SE 3/4 E |          |          |   |  |
| 4    | 3 |   |          |          |          |   |  |
| 5    | 3 | 1 |          |          |          |   |  |
| 6    | 3 | 1 |          |          |          |   |  |
| 7    | 3 | 1 |          |          |          |   |  |
| 8    | 3 | 1 |          |          |          |   |  |
| 9    | 3 | 1 |          |          |          |   |  |
| 10   | 3 | 3 |          |          |          |   |  |
| 11   | 3 | 3 | SE 3/4 E |          |          |   |  |
| 12   | 3 | 3 |          |          |          |   |  |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| N. E    | 116   | 12 36      | 37   | 37-38         | 2          |          | 0-30        | 11-00 W  |               |

| H  | K | F | Courses. | Winds.   | LEE-WAY. | Remarks  |  |
|----|---|---|----------|----------|----------|--|--|
| 1  | 4 |   | SE 3/4 E | SE 3/4 W | 1 1/2    | Monday Nov. 9 <sup>th</sup>                              |  |
| 2  | 4 |   |          |          |          | This 24 hours comes in strong gale and squally weather — |  |
| 3  | 4 |   |          |          |          |  |  |
| 4  | 4 |   |          |          |          |  |  |
| 5  | 4 |   | SE 3/4 E |          |          |  |  |
| 6  | 4 |   | SE 3/4 E |          |          | Middle part the same                                     |  |
| 7  | 4 |   |          |          |          |  |  |
| 8  | 4 |   |          |          |          |  |  |
| 9  | 4 |   | SE 3/4 E | SE 3/4 W |          |  |  |
| 10 | 4 |   |          |          |          | Ends with heavy gale and squally with rain               |  |
| 11 | 4 |   |          |          |          |  |  |
| 12 | 4 |   |          |          |          |  |  |
| 1  | 4 |   |          |          |          | Lat. by Obs. 37-32                                       |  |
| 2  | 4 |   | SE 3/4 E |          |          |  |  |
| 3  | 4 |   | SE 3/4 E |          |          |  |  |
| 4  | 4 |   | SE 3/4 E |          |          |  |  |
| 5  | 4 | 1 | SE 3/4 E | SE 3/4 W | 2        |  |  |
| 6  | 4 | 1 |          |          |          |  |  |
| 7  | 4 | 1 |          |          |          |  |  |
| 8  | 4 | 1 |          |          |          |  |  |
| 9  | 4 | 1 |          |          |          |  |  |
| 10 | 4 | 1 |          |          |          |  |  |
| 11 | 4 | 1 |          |          |          |  |  |
| 12 | 4 | 1 |          |          |          |  |  |

| Course   | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in   | Bear. & Dist. |
|----------|-------|------------|------|---------------|------------|----------|-------------|------------|---------------|
| SE 3/4 E | 65    | 0-2        | 23   | 37-37         | 2          |          | 0-31        | 11-31 West |               |

Out from 9 7 Days

|    |   |   | from     |        | towards  |  |
|----|---|---|----------|--------|----------|--|
| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks  |
| 1  | 2 | 1 | W 3/4 S  | North  | 1 1/2    | This gale is holes comes in with strong gale and squally weather   |
| 2  | 2 | 1 |          |        |          |  |
| 3  | 2 | 1 |          |        |          |  |
| 4  | 2 | 1 |          |        |          |  |
| 5  | 2 | 1 |          |        |          |  |
| 6  | 2 | 1 |          |        |          |  |
| 7  | 2 | 1 |          |        |          |  |
| 8  | 2 | 1 | W 1/4 N  |        |          |  |
| 9  | 2 | 1 |          |        |          |  |
| 10 | 2 | 1 |          |        |          |  |
| 11 | 2 | 1 |          |        |          |  |
| 12 | 2 | 1 |          |        |          |  |
| 1  | 2 | 2 | N 2/4 W  |        |          | Middle part the same<br>Ends with more moderate breeze and pleasant but a rough sea —<br>Lat. by Obs 37-23.4 |
| 2  | 2 | 2 |          |        |          |  |
| 3  | 2 | 2 |          |        |          |  |
| 4  | 2 | 2 |          |        |          |  |
| 5  | 2 | 2 | W 1/4 S  |        |          |  |
| 6  | 2 | 2 |          |        |          |  |
| 7  | 2 | 2 |          |        |          |  |
| 8  | 2 | 2 | E 3/4 E  | North  | 0        |  |
| 9  | 2 | 2 |          |        |          |  |
| 10 | 2 | 2 |          |        |          |  |
| 11 | 3 | 2 |          |        |          |  |
| 12 | 3 | 2 |          |        |          |  |

| Cours.  | Dist. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| S 3/4 W | 3.7   | 0-5        | 41   | 37-37        | 2          |          | 0-52 1/2    | 12-25    | West          |

| H  | K | F | Courses. | Winds.  | LEE-WAY. | Remarks  |
|----|---|---|----------|---------|----------|--|
| 1  | 4 |   | W 1/4 S  | W 1/4 S |          | This 24 hours comes in with fresh breeze and squally   |
| 2  | 4 |   |          |         |          |  |
| 3  | 4 |   |          |         |          |  |
| 4  | 4 |   |          |         |          |  |
| 5  | 4 | 1 |          |         |          |  |
| 6  | 4 | 1 |          |         |          |  |
| 7  | 5 |   |          |         |          |  |
| 8  | 5 |   |          |         |          |  |
| 9  | 5 |   |          |         |          |  |
| 10 | 5 |   |          |         |          |  |
| 11 | 7 |   |          |         |          |  |
| 12 | 7 |   |          |         |          |  |
| 1  | 4 |   |          |         |          |  |
| 2  | 4 |   |          |         |          | H & P. M. A. English Privateer spoke us and ordered the Capt. to come on board with his Papers at 10 made sail<br>Ends with strong gale and squally<br>Lat. by Obs 38-42.4 |
| 3  | 3 | 1 |          |         |          |  |
| 4  | 3 | 1 |          |         |          |  |
| 5  | 4 | 1 |          |         |          |  |
| 6  | 5 |   |          |         |          |  |
| 7  | 5 |   |          |         |          |  |
| 8  | 4 |   |          |         |          |  |
| 9  | 4 |   |          |         |          |  |
| 10 | 4 |   |          |         |          |  |
| 11 | 4 |   |          |         |          |  |
| 12 | 4 |   |          |         |          |  |
| 1  | 4 |   |          |         |          |  |
| 2  | 4 |   |          |         |          |  |

| Cours.  | Dist. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| N 4/4 E | 80    | 1-17       | 10   | 38-49        | 2          |          | 0-15 1/2    | 12-10    | W             |

Dist. Sea low 9 3/4



| from |   |   | towards  |        |          | Remarks  |
|------|---|---|----------|--------|----------|--|
| H    | K | F | Courfes. | Winds. | LEE-WAY. |  |
| 1    | 2 |   |          |        |          | <p>Thursday November 12<sup>th</sup></p> <p>This 24 hours comes in with strong gale and a rough sea —</p> <p>Middle part squally weather —</p> <p>Ends with light variable winds and squally —</p> <p>Lat. by Obs. 38 = 56 North</p>   |
| 2    | 2 |   |          |        |          |  |
| 3    | 2 | 1 |          |        |          |  |
| 4    | 2 | 1 |          |        |          |  |
| 5    | 3 |   |          |        |          |  |
| 6    | 3 |   |          |        |          |  |
| 7    | 3 |   |          |        |          |  |
| 8    | 2 |   |          |        |          |  |
| 9    | 1 |   |          |        |          |  |
| 10   | 1 |   |          |        |          |  |
| 11   | 2 | 1 |          |        |          |  |
| 12   | 2 | 1 |          |        |          |  |
| 1    | 2 |   |          |        |          | <p>Friday November 13<sup>th</sup></p> <p>This 24 hours comes in with fine breeze and squally weather —</p> <p>Middle part fresh breeze and fogs —</p> <p>Ends with strong gale and squally weather —</p> <p>Lat. by Obs 40 = 08</p>   |
| 2    | 2 |   |          |        |          |  |
| 3    | 2 | 1 |          |        |          |  |
| 4    | 2 | 1 |          |        |          |  |
| 5    | 6 |   |          |        |          |  |
| 6    | 6 |   |          |        |          |  |
| 7    | 5 |   |          |        |          |  |
| 8    | 5 |   |          |        |          |  |
| 9    | 5 |   |          |        |          |  |
| 10   | 5 |   |          |        |          |  |
| 11   | 5 |   |          |        |          |  |
| 12   | 5 |   |          |        |          |  |
| 1    | 6 |   |          |        |          | <p>Saturday November 14<sup>th</sup></p> <p>This 24 hours comes in with fine breeze and squally weather —</p> <p>Middle part fresh breeze and fogs —</p> <p>Ends with strong gale and squally weather —</p> <p>Lat. by Obs 40 = 08</p> |
| 2    | 6 |   |          |        |          |  |
| 3    | 6 |   |          |        |          |  |
| 4    | 6 |   |          |        |          |  |
| 5    | 5 |   |          |        |          |  |
| 6    | 3 |   |          |        |          |  |
| 7    | 3 |   |          |        |          |  |
| 8    | 3 |   |          |        |          |  |
| 9    | 3 |   |          |        |          |  |
| 10   | 3 |   |          |        |          |  |
| 11   | 3 |   |          |        |          |  |
| 12   | 3 |   |          |        |          |  |

| Courfe. | Diff. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| SW 1/4  | 31    | 0-28       | 12   | 39-10        | 1          |          | 0-16        | 12-26    | West          |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks  |
|----|---|---|----------|--------|----------|--|
| 1  | 5 | 1 |          |        |          |  |
| 2  | 3 | 1 |          |        |          |  |
| 3  | 3 | 1 |          |        |          |  |
| 4  | 2 |   |          |        |          |  |
| 5  | 6 |   |          |        |          |  |
| 6  | 6 |   |          |        |          |  |
| 7  | 5 |   |          |        |          |  |
| 8  | 5 |   |          |        |          |  |
| 9  | 5 |   |          |        |          |  |
| 10 | 5 |   |          |        |          |  |
| 11 | 5 |   |          |        |          |  |
| 12 | 5 |   |          |        |          |  |
| 1  | 6 |   |          |        |          | <p>Sunday November 15<sup>th</sup></p> <p>This 24 hours comes in with fine breeze and squally weather —</p> <p>Middle part fresh breeze and fogs —</p> <p>Ends with strong gale and squally weather —</p> <p>Lat. by Obs 40 = 08</p> |
| 2  | 6 |   |          |        |          |  |
| 3  | 6 |   |          |        |          |  |
| 4  | 6 |   |          |        |          |  |
| 5  | 5 |   |          |        |          |  |
| 6  | 3 |   |          |        |          |  |
| 7  | 3 |   |          |        |          |  |
| 8  | 3 |   |          |        |          |  |
| 9  | 3 |   |          |        |          |  |
| 10 | 3 |   |          |        |          |  |
| 11 | 3 |   |          |        |          |  |
| 12 | 3 |   |          |        |          |  |

| Courfe. | Diff. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| SW 1/4  | 36    | 1-21       | 29   | 40-17        | 2          |          | 0-38        | 13-11    | West          |

Out 18 Days

|    |   |   | from     |         | towards  |   |
|----|---|---|----------|---------|----------|---|
| H  | K | F | Courses. | Winds.  | LEE-WAY. | Remarks.  |
| 1  | 3 |   | North    | SE      | 2        | This 24 hour comes in with strong gale and squally with rain and hail — |
| 2  | 3 |   |          |         |          |   |
| 3  | 3 |   | by 48    | from to |          |   |
| 4  | 3 |   |          |         |          |   |
| 5  | 3 |   |          |         |          |   |
| 6  | 3 |   |          |         |          |   |
| 7  | 3 |   | SE 38    | SE      |          |   |
| 8  | 3 |   |          |         |          |   |
| 9  | 3 |   |          |         |          |   |
| 10 | 3 |   |          |         |          |   |
| 11 | 3 |   |          |         |          |   |
| 12 | 3 |   |          |         |          |   |
| 1  | 2 | 1 |          |         |          | Middle part heavy squalls with rain —                                   |
| 2  | 2 | 1 |          |         |          |   |
| 3  | 2 | 1 |          |         |          |   |
| 4  | 2 | 1 |          |         |          |   |
| 5  | 2 | 1 |          |         |          |   |
| 6  | 2 | 1 |          |         |          |   |
| 7  | 2 | 1 |          |         |          |   |
| 8  | 2 | 1 |          |         |          |   |
| 9  | 2 | 1 |          |         |          |   |
| 10 | 2 | 1 |          |         |          |   |
| 11 | 2 | 1 |          |         |          |   |
| 12 | 2 | 1 |          |         |          |   |
|    |   |   |          |         |          | End with very heavy gale and squalls of rain —                          |
|    |   |   |          |         |          | Lat. by Obs. 20° 42' N  |

| Cours.   | Dist. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|----------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| SE 2 1/2 | 64    | 0° 30'     | 38   | 40° 38'      | 2          |          | 1-12        | 11-16    | Short         |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks.  |
|----|---|---|----------|--------|----------|---|
| 1  | 2 |   | SE 1/2   | SE     | 2        | The 24 hour comes in with a very heavy gale and squally with rain — |
| 2  | 2 |   |          |        |          |   |
| 3  | 2 |   |          |        |          |   |
| 4  | 2 |   |          |        |          |   |
| 5  | 2 |   | SE 1/2   |        |          |   |
| 6  | 2 |   |          |        |          |   |
| 7  | 2 |   |          |        |          |   |
| 8  | 2 |   |          |        |          |   |
| 9  | 2 |   |          |        |          |   |
| 10 | 2 |   | SE 1/2   | SE     |          |   |
| 11 | 2 |   |          |        |          |   |
| 12 | 2 |   | SE 1/2   |        |          |   |
| 1  | 2 |   |          |        |          | Much just the same —  |
| 2  | 2 |   |          |        |          |   |
| 3  | 2 |   |          |        |          |   |
| 4  | 2 |   |          |        |          |   |
| 5  | 2 |   |          |        |          |   |
| 6  | 2 |   |          |        |          |   |
| 7  | 2 |   |          |        |          |   |
| 8  | 2 |   |          |        |          |   |
| 9  | 2 |   |          |        |          |   |
| 10 | 2 |   |          |        |          |   |
| 11 | 2 |   |          |        |          |   |
| 12 | 2 |   |          |        |          |   |
|    |   |   |          |        |          | End with moderate weather but squally weather —                     |
|    |   |   |          |        |          | Lat. by Obs. 20° 40'  |

| Cours. | Dist. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| Short  | 45    | 0° 0'      | 45   | 40° 38'      | 2          |          | 0° 57'      | 15-13    | W 1/2 N       |



from

towards

| H  | K | F | Courses. | Winds.  | LEE-WAY. | Remarks.                        |
|----|---|---|----------|---------|----------|---------------------------------|
| 1  | 2 |   | N by W   | S. by E | 2        | Monday Nov. 16 <sup>th</sup>    |
| 2  | 2 |   |          |         |          |                                 |
| 3  | 2 |   | S. by W  |         |          | This 24 hours comes in with     |
| 4  | 2 |   |          |         |          | moderate breeze and squally     |
| 5  | 2 |   |          |         |          |                                 |
| 6  | 2 |   |          |         |          |                                 |
| 7  | 1 | 1 | S. by W  | S. by E |          |                                 |
| 8  | 1 | 1 | E. by S  |         |          |                                 |
| 9  |   |   |          |         |          |                                 |
| 10 |   |   |          |         |          | Middle part light wind,         |
| 11 |   |   |          |         |          | and pleasant weather —          |
| 12 |   |   |          |         |          |                                 |
| 1  | 1 | 1 | S. E     | S. E    | 0        |                                 |
| 2  | 1 | 1 |          |         |          |                                 |
| 3  | 2 |   |          | E. by S |          | Even with fine breeze and       |
| 4  | 2 |   |          |         |          | pleasant weather — and there    |
| 5  | 3 | 1 |          |         |          | is 67 feet in sight Hazy, S. W. |
| 6  | 3 |   |          |         |          |                                 |
| 7  | 4 |   |          |         |          |                                 |
| 8  | 4 |   |          |         |          |                                 |
| 9  | 4 | 1 |          |         |          |                                 |
| 10 | 4 | 1 |          |         |          |                                 |
| 11 | 5 |   |          |         |          |                                 |
| 12 | 5 |   |          |         |          |                                 |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| North  | 56    | 0-36       | 0    | Lat. 16       | 2          |          | 0-00        | 15-13    | 4-            |

| H  | K | F | Courses. | Winds.  | LEE-WAY. | Remarks.                      |
|----|---|---|----------|---------|----------|-------------------------------|
| 1  | 6 |   | N. by S  | S. by E |          | Tuesday Nov. 17 <sup>th</sup> |
| 2  | 6 |   | S. by E  | S. by E |          |                               |
| 3  | 5 |   | S. by E  | S. by E |          | This 24 hours comes in with   |
| 4  | 5 |   | S. by E  | S. by E |          | fine breeze and pleasant      |
| 5  | 5 |   | S. by E  | S. by E |          | weather at 2 P. M. we were    |
| 6  | 5 |   | S. by E  | S. by E |          | Bounded by a English flag at  |
| 7  | 5 |   | S. by E  | S. by E |          | and after a short attention   |
| 8  | 5 |   | S. by E  | S. by E |          | the ship we sail —            |
| 9  | 5 |   | S. by E  | S. by E |          |                               |
| 10 | 5 |   | S. by E  | S. by E |          |                               |
| 11 | 4 |   | S. by E  | S. by E |          |                               |
| 12 | 4 |   | S. by E  | S. by E |          |                               |
| 1  | 3 |   | S. by E  | S. by E |          |                               |
| 2  | 3 |   | S. by E  | S. by E |          |                               |
| 3  | 3 |   | S. by E  | S. by E |          |                               |
| 4  | 3 |   | S. by E  | S. by E |          |                               |
| 5  | 2 | 1 | S. by E  | S. by E |          | Latter part part moderate     |
| 6  | 2 | 1 | S. by E  | S. by E |          | breeze and pleasant           |
| 7  | 2 | 1 | S. by E  | S. by E |          |                               |
| 8  | 2 | 1 | S. by E  | S. by E |          |                               |
| 9  | 2 |   | S. by E  | S. by E |          |                               |
| 10 | 1 | 1 | S. by E  | S. by E |          |                               |
| 11 | 1 | 1 | S. by E  | S. by E |          |                               |
| 12 | 1 | 1 | S. by E  | S. by E |          |                               |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| S. E   | 76    | 1-16       | 0    | Lat. 28       | 2          |          | 0-7         | 15-6     | 11-11         |

Out 15 Days

|    |   |   | from     |        | towards | Remarks  |
|----|---|---|----------|--------|---------|--|
| H  | K | F | Courses. | Winds. | LEE-WAY |  |
| 1  | 2 |   | SSE      | East   |         | This 24 hours comes in with moderate breeze and pleasant weather |
| 2  | 2 |   |          |        |         |  |
| 3  | 2 |   |          |        |         |  |
| 4  | 2 |   |          |        |         |  |
| 5  | 2 |   | S by E   |        |         |  |
| 6  | 2 |   |          |        |         |  |
| 7  | 1 | 1 |          |        |         | Middle part Calm and pleasant weather                            |
| 8  | 1 | 1 |          |        |         |  |
| 9  |   |   |          |        |         |  |
| 10 |   |   |          |        |         |  |
| 11 |   |   |          |        |         |  |
| 12 |   |   |          |        |         |  |
| 1  |   |   |          | Calm   |         | Ends with fine breeze and pleasant                               |
| 2  |   |   |          |        |         |  |
| 3  |   |   |          |        |         |  |
| 4  |   |   |          |        |         |  |
| 5  |   |   |          |        |         |  |
| 6  |   |   |          |        |         |  |
| 7  |   |   |          |        |         | Sat. by Obs 43-02.8  |
| 8  |   |   |          |        |         |  |
| 9  | 1 | 1 | SSE      | East   |         |  |
| 10 | 2 | 1 |          |        |         |  |
| 11 | 2 | 1 |          |        |         |  |
| 12 | 2 | 1 |          |        |         |  |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Longin | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|--------|---------------|
| SSE     | 24    | 0-24       | 0    | 43-01        | 2          |          | 0-0         | 15-6   | SE 2          |

| H  | K | F | Courses. | Winds. | LEE-WAY | Remarks  |
|----|---|---|----------|--------|---------|--|
| 1  | 3 | 1 | S by E   | S by E |         | This 24 hours comes in with fine breeze and pleasant |
| 2  | 3 | 1 |          |        |         |  |
| 3  | 3 | 1 |          |        |         |  |
| 4  | 3 | 1 |          |        |         |  |
| 5  | 3 | 1 | South    | SSE    |         |  |
| 6  | 3 | 1 |          |        |         |  |
| 7  | 3 | 1 |          |        |         | Middle part fresh breeze and pleasant                |
| 8  | 3 | 1 |          |        |         |  |
| 9  | 3 | 1 | S by W   |        |         |  |
| 10 | 3 | 1 |          |        |         |  |
| 11 | 3 | 1 | SSE      | SSE    |         |  |
| 12 | 3 | 1 |          |        |         |  |
| 1  | 3 | 1 | SSE      |        |         | at 5 tack ship                                       |
| 2  | 3 | 1 |          |        |         |  |
| 3  | 3 | 1 |          |        |         |  |
| 4  | 3 | 1 |          |        |         |  |
| 5  | 3 | 1 | SSE      | South  |         |  |
| 6  | 3 | 1 |          |        |         |  |
| 7  | 4 | 1 |          |        |         | Ends with fresh gale and squally with rain           |
| 8  | 4 | 1 | S by E   |        | 2       |  |
| 9  | 3 | 1 |          |        |         |  |
| 10 | 3 | 1 |          |        |         |  |
| 11 | 3 | 1 |          |        |         |  |
| 12 | 3 | 1 |          |        |         |  |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Dist. | Diff. Long. | Longin | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|--------|---------------|
| SE 2    | 63    | 1-1        | 14   | 44-3         | 2          |          | 0-20        | 15-26  | W             |



from

towards

| H  | K | F | Courses. | Winds.  | LEE-WAY. | Remarks   |
|----|---|---|----------|---------|----------|---|
| 1  | 3 | 1 | E by S   | S. S. E | 3 1/2    | This 24 hours comes in with strong gale and squally weather |
| 2  | 3 | 1 |          |         |          |   |
| 3  | 3 |   | E by S   |         |          |   |
| 4  | 3 |   |          |         |          |   |
| 5  | 3 |   |          |         |          |   |
| 6  | 3 |   |          |         |          | Middle part the same  |
| 7  | 3 |   | East     |         |          |   |
| 8  | 3 |   |          |         |          |   |
| 9  | 3 |   |          |         |          |   |
| 10 | 3 |   |          |         |          |   |
| 11 | 3 |   | E by S   |         |          | End with fresh gale and heavy squalls of hail and rain      |
| 12 | 3 |   |          |         |          |   |
| 1  | 3 |   |          |         |          |   |
| 2  | 3 |   |          |         |          |   |
| 3  | 3 |   |          |         |          |   |
| 4  | 3 |   |          |         |          | Lat. by Obs. 43-16.8  |
| 5  | 2 | 1 | East     |         |          |   |
| 6  | 2 | 1 |          |         |          |   |
| 7  | 2 |   |          |         |          |   |
| 8  | 2 |   |          |         |          |   |
| 9  | 2 |   | E by S   |         |          | Lat. by Obs. 43-16.8  |
| 10 | 2 |   |          |         |          |   |
| 11 | 1 | 1 | E by S   | S. S. E | 3 1/2    |   |
| 12 | 1 | 1 | East     |         |          |   |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in  | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|-----------|---------------|
| S 43 E | 5.3   | 0-15       | 50   | 43-47         | 2          |          | 1-9         | 14-17 1/2 |               |

| H  | K | F | Courses.  | Winds.  | LEE-WAY. | Remarks   |
|----|---|---|-----------|---------|----------|---|
| 1  | 2 | 1 | East      | S. S. E | 2        | This 24 hours comes in with strong gale and squally weather |
| 2  | 2 | 1 |           |         |          |   |
| 3  | 2 | 1 | E by S    |         |          |   |
| 4  | 2 | 1 |           |         |          |   |
| 5  | 2 |   |           |         |          |   |
| 6  | 2 |   |           |         |          | Middle part more moderate breeze and pleasant weather       |
| 7  | 2 |   |           |         |          |   |
| 8  | 2 |   |           |         |          |   |
| 9  | 2 |   |           |         |          |   |
| 10 | 2 |   |           |         |          |   |
| 11 | 2 |   | E. S. E   | North   | 2        | End with fine breeze and rainy                              |
| 12 | 2 |   |           |         |          |   |
| 1  | 3 |   | S. E      | S. S. W | 0        |   |
| 2  | 3 |   |           |         |          |   |
| 3  | 3 | 1 |           | S. W    |          |   |
| 4  | 3 | 1 |           |         |          | So Obs. this Day  |
| 5  | 3 | 1 |           |         |          |   |
| 6  | 3 | 1 |           |         |          |   |
| 7  | 3 | 1 |           |         |          |   |
| 8  | 3 | 1 |           |         |          |   |
| 9  | 3 | 1 | S. E by E | West    |          |   |
| 10 | 3 | 1 |           |         |          |   |
| 11 | 3 | 1 |           |         |          |   |
| 12 | 3 | 1 |           |         |          |   |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| S 43 E | 7.3   | 0-53       | 50   | 44-39         | 2          |          | 1-7         | 13-16    | West          |

|    |   |   | from          |        |          | towards  |
|----|---|---|---------------|--------|----------|--|
| H  | K | F | Courses.      | Winds. | LEE-WAY. | Remarks  |
| 1  | 6 |   | N E by E West |        |          | <p> <i>on Sunday Nov<sup>r</sup> 22<sup>th</sup></i><br/>           This 24 hours comes in<br/>           with strong gale and<br/>           squally weather —<br/>           Middle part the same<br/>           Ends with fresh gale<br/>           and squally with rain<br/>           Lat. by Obs 46 = 07 N         </p> |
| 2  | 6 |   |               |        |          |  |
| 3  | 6 |   |               |        |          |  |
| 4  | 5 | 1 |               |        |          |  |
| 5  | 5 | 1 |               |        |          |  |
| 6  | 5 | 1 |               |        |          |  |
| 7  | 6 |   |               |        |          |  |
| 8  | 6 |   |               |        |          |  |
| 9  | 6 |   |               |        |          |  |
| 10 | 6 |   |               |        |          |  |
| 11 | 6 |   |               |        |          |  |
| 12 | 6 |   |               |        |          |  |
| 1  | 7 |   | N E by E West |        |          |  |
| 2  | 7 |   |               |        |          |  |
| 3  | 7 |   |               |        |          |  |
| 4  | 7 |   |               |        |          |  |
| 5  | 7 |   |               |        |          |  |
| 6  | 7 |   |               |        |          |  |
| 7  | 7 |   |               |        |          |  |
| 8  | 7 |   |               |        |          |  |
| 9  | 7 |   |               |        |          |  |
| 10 | 7 |   |               |        |          |  |
| 11 | 7 |   |               |        |          |  |
| 12 | 7 |   |               |        |          |  |

| Course. | Diff. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| N 34 E  | 147   | 2 = 2      | 81   | 46 = 41      | 2          |          | 1 = 47      | 11 = 29  | West          |

| H  | K | F | Courses.      | Winds. | LEE-WAY. | Remarks   |
|----|---|---|---------------|--------|----------|---|
| 1  | 7 |   | N E by E West |        |          | <p> <i>Monday Nov<sup>r</sup> 23<sup>th</sup></i><br/>           This 24 hours comes in<br/>           with strong gale and<br/>           squally with rain<br/>           Middle part very heavy<br/>           gale and a rough sea<br/>           Ends with more moderate<br/>           breeze and squally<br/>           Lat. by Obs 46 = 44         </p> |
| 2  | 7 |   |               |        |          |   |
| 3  | 7 |   |               |        |          |   |
| 4  | 3 | 1 |               |        |          |   |
| 5  | 3 |   |               |        |          |   |
| 6  | 3 |   |               |        |          |   |
| 7  | 3 |   |               |        |          |   |
| 8  | 3 |   |               |        |          |   |
| 9  | 3 |   |               |        |          |   |
| 10 | 3 |   |               |        |          |   |
| 11 | 2 |   |               |        |          |   |
| 12 | 2 |   |               |        |          |   |
| 1  | 2 |   | N E by E West |        |          |   |
| 2  | 2 |   |               |        |          |   |
| 3  | 2 |   |               |        |          |   |
| 4  | 2 |   |               |        |          |   |
| 5  | 2 |   |               |        |          |   |
| 6  | 2 |   |               |        |          |   |
| 7  | 2 |   |               |        |          |   |
| 8  | 2 |   |               |        |          |   |
| 9  | 2 |   |               |        |          |   |
| 10 | 2 |   |               |        |          |   |
| 11 | 2 |   |               |        |          |   |
| 12 | 2 |   |               |        |          |   |

| Course. | Diff. | Diff. Lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| N 47 E  | 0.5   | 0 = 19     | 47   | 46 = 31      | 2          |          | 1 = 41      | 10 = 19  | West          |



from

towards

| H  | K | F | Courses.         | Winds. | LEE-WAY. | Remarks  |
|----|---|---|------------------|--------|----------|--|
| 1  | 3 |   | S by E           | W S W  |          | <i>Monday, Nov. 24<sup>th</sup></i><br>This 24 hours comes in<br>with fresh gale and squally<br>weather —<br>Middle part very heavy<br>gale and heavy squalls —<br>End with the same —<br>Lat. by Obs. 47 = 05 |
| 2  | 3 |   |                  |        |          |  |
| 3  | 3 | 1 |                  |        |          |  |
| 4  | 3 | 1 |                  |        |          |  |
| 5  | 6 |   |                  |        |          |  |
| 6  | 6 |   |                  |        |          |  |
| 7  | 5 |   |                  |        |          |  |
| 8  | 5 |   |                  |        |          |  |
| 9  | 5 |   |                  | N W    |          |  |
| 10 | 5 |   |                  |        |          |  |
| 11 | 3 |   |                  |        |          |  |
| 12 | 3 |   |                  |        |          |  |
| 1  | 2 | 1 | up to N by E off |        |          |  |
| 2  | 2 | 1 | No E N E —       | 7 1/2  |          |  |
| 3  | 2 | 1 |                  |        |          |  |
| 4  | 2 | 1 |                  |        |          |  |
| 5  | 2 | 1 |                  |        |          |  |
| 6  | 2 | 1 |                  |        |          |  |
| 7  | 2 | 1 |                  |        |          |  |
| 8  | 2 | 1 |                  |        |          |  |
| 9  | 2 | 1 |                  |        |          |  |
| 10 | 2 | 1 |                  |        |          |  |
| 11 | 2 | 1 |                  |        |          |  |
| 12 | 2 | 1 |                  |        |          |  |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| N 61 E  | 61    | 0 = 30     | 53   | 47 = 14       | 2          |          | 1 = 14      | 9 = 5    | West          |

| H  | K | F | Courses. | Winds. | LEE-WAY. | Remarks   |
|----|---|---|----------|--------|----------|---|
| 1  | 2 |   | S by E   | W S W  | 3        | <i>Tuesday, Nov. 25<sup>th</sup></i><br>This 24 hours comes in with<br>more moderate gale and<br>squally weather —<br>Middle part moderate<br>breeze and a rough sea<br>End with fine breeze<br>and pleasant weather<br>Lat by Obs. 48 = 59 |
| 2  | 2 | 1 |          |        |          |   |
| 3  | 2 | 1 |          |        |          |   |
| 4  | 2 | 1 |          |        |          |   |
| 5  | 2 | 1 |          |        |          |   |
| 6  | 2 | 1 |          |        |          |   |
| 7  | 2 | 1 | N by E   |        | 0        |   |
| 8  | 2 | 1 |          |        |          |   |
| 9  | 2 | 1 |          |        |          |   |
| 10 | 2 | 1 |          |        |          |   |
| 11 | 2 | 1 |          |        |          |   |
| 12 | 2 | 1 |          |        |          |   |
| 1  | 2 | 1 |          |        |          |   |
| 2  | 2 | 1 |          |        |          |   |
| 3  | 3 | 1 |          |        |          |   |
| 4  | 3 | 1 |          |        |          |   |
| 5  | 3 | 1 |          |        |          |   |
| 6  | 3 | 1 |          |        |          |   |
| 7  | 3 | 1 | S by E   | W S W  |          |   |
| 8  | 3 | 1 |          |        |          |   |
| 9  | 3 | 1 |          |        |          |   |
| 10 | 3 | 1 |          |        |          |   |
| 11 | 3 | 1 |          |        |          |   |
| 12 | 3 | 1 |          |        |          |   |

| Course. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| N 48 E  | 61    | 0 = 59     | 11   | 48 = 7        | 2          |          | 0 = 15      | 8 = 50   | West          |

Out 23 Days

| from |   |   |                     | towards    |          | Remarks on  |
|------|---|---|---------------------|------------|----------|---|
| H    | K | F | Courses.            | Winds.     | LEE-WAY. |   |
| 1    | 2 | 1 | by E                | N. E. by N |          | This 24 hours comes in with moderate breeze and squalls of rain       |
| 2    | 2 | 1 |                     |            |          |   |
| 3    | 2 | 1 | East                | variable   |          |   |
| 4    | 2 | 1 |                     |            |          |   |
| 5    | 3 | 1 |                     |            |          |   |
| 6    | 2 | 1 |                     |            |          |   |
| 7    | 1 | 1 | E by N              |            |          |   |
| 8    | 1 | 1 |                     |            |          |   |
| 9    | 1 | 1 | E by N              |            |          |   |
| 10   | 1 | 1 | N. E. by N          |            |          |   |
| 11   | 1 | 1 |                     | N. E. by N |          |   |
| 12   | 1 | 1 |                     |            |          |   |
| 1    | 2 | 1 | N. E. by E & E by S |            |          | Middle part moderate breeze and pleasant but squalls look threatening |
| 2    | 2 | 1 |                     |            |          |   |
| 3    | 2 | 1 |                     |            |          |   |
| 4    | 2 | 1 |                     | N. E. by N |          |   |
| 5    | 2 | 1 |                     |            |          |   |
| 6    | 2 | 1 |                     |            |          | End with fresh breeze and cloudy weather                              |
| 7    | 1 | 1 | E by N              |            |          |   |
| 8    | 1 | 1 |                     |            |          | So Obs. this Day  |
| 9    | 1 | 1 | E. S. E             |            |          |   |
| 10   | 1 | 1 |                     |            |          |   |
| 11   | 3 | 1 | N. E. by N          | E. S. E    | 1        |   |
| 12   | 3 | 1 |                     | S. E       |          |   |

| Cours. | Dist. | Lat. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|-----------|------|---------------|------------|----------|-------------|----------|---------------|
| 4838   | 31    | 0-25      | 19   | 48-24         | 2          |          | 2-29        | 8-21     | West          |

| H  | K | F | Courses.   | Winds.   | LEE-WAY. | Remarks on  |  |  |  |
|----|---|---|------------|----------|----------|---|--|--|--|
| 1  | 4 |   | N. E. by N | N. E.    | 1 1/2    | This 24 hours comes in with strong breeze and squally weather |  |  |  |
| 2  | 4 |   |            |          |          |   |  |  |  |
| 3  | 3 |   |            |          |          |   |  |  |  |
| 4  | 3 |   | N. E. by N |          |          |   |  |  |  |
| 5  | 2 | 1 | N. E. by N |          |          |   |  |  |  |
| 6  | 2 | 1 |            | variable |          |   |  |  |  |
| 7  | 2 |   | N. E. by N |          |          |   |  |  |  |
| 8  | 2 |   | N. E. by N |          |          |   |  |  |  |
| 9  | 2 |   | N. E. by N |          |          |   |  |  |  |
| 10 | 2 |   | N. E. by N |          |          |   |  |  |  |
| 11 | 2 |   | N. E. by N |          |          |   |  |  |  |
| 12 | 2 |   |            |          |          |   |  |  |  |
| 1  | 2 |   |            |          |          | Middle part more moderate and squally                         |  |  |  |
| 2  | 2 |   |            |          |          |   |  |  |  |
| 3  | 2 |   |            |          |          |   |  |  |  |
| 4  | 2 |   |            |          |          |   |  |  |  |
| 5  | 2 |   |            |          |          |   |  |  |  |
| 6  | 2 |   |            |          |          | End with light winds and pleasant                             |  |  |  |
| 7  | 2 |   | N. E. by N |          |          |   |  |  |  |
| 8  | 1 | 1 | N. E. by N |          |          | Lat. by Obs. 48-30  |  |  |  |
| 9  | 1 | 1 | N. E. by N |          |          |   |  |  |  |
| 10 | 1 | 1 |            |          |          |   |  |  |  |
| 11 | 1 | 1 |            |          |          |   |  |  |  |
| 12 | 1 | 1 |            |          |          |   |  |  |  |

| Cours. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|--------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| 4718   | 47    | 0-15       | 44   | 48-39         | 2          |          | 1-5         | 9-26     |               |



from

towards

| H  | K | F | Courfes.  | Winds. | LEE-WAY. | Remarks   |
|----|---|---|-----------|--------|----------|---|
| 1  | 1 |   | E S E     | S E    |          | This 24 hours comes in with light airs and pleasant but squally —                   |
| 2  | 1 |   |           |        |          |   |
| 3  | 1 |   |           |        |          |   |
| 4  | 1 |   |           |        |          |   |
| 5  | 1 |   | E S E     | Varies |          |   |
| 6  | 1 |   |           |        |          |   |
| 7  | 2 | 1 |           |        |          |   |
| 8  | 3 |   |           |        |          |   |
| 9  | 4 |   |           |        |          |   |
| 10 | 5 | 1 |           |        |          |   |
| 11 | 5 |   |           |        |          | Middle part very heavy squalls of rain and hail Ends with fresh gales and squally — |
| 12 | 5 |   |           |        |          |   |
| 1  | 5 |   |           |        |          |   |
| 2  | 5 |   |           |        |          |   |
| 3  | 2 | 1 | E by S E  | S E    |          |   |
| 4  | 2 | 1 |           |        |          |   |
| 5  | 2 | 1 |           |        |          |   |
| 6  | 2 | 1 |           |        |          |   |
| 7  | 3 |   |           |        |          |   |
| 8  | 2 | 1 |           |        |          |   |
| 9  | 2 |   |           |        |          | So Ob this Day  |
| 10 | 0 |   |           |        |          |   |
| 11 | 2 |   | S E - S E |        |          |   |
| 12 | 3 |   |           |        |          |   |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| N 63 E  | 56    | 0-24       | 51   | 1-34          | 2          |          | 1-21        | 8-5      | W             |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks  |
|----|---|---|----------|--------|----------|--|
| 1  | 3 |   | S E by E | S E    |          | This 24 hours comes in with fresh gale and squally with a rough sea at 2 P.M. sounded got bottom 48 fathoms sand fine same Middle part more moderate and light squalls — at 10 fathoms no bottom — Ends with quite moderate and pleasant weather |
| 2  | 3 |   | S E by N |        |          |  |
| 3  | 3 |   |          |        |          |  |
| 4  | 3 |   |          |        |          |  |
| 5  | 3 |   |          |        |          |  |
| 6  | 2 |   | North    | E N E  |          |  |
| 7  | 3 |   |          |        |          |  |
| 8  | 3 |   |          |        |          |  |
| 9  | 2 |   | N by S   |        |          |  |
| 10 | 2 | 1 |          |        |          |  |
| 11 | 2 |   |          |        |          | Lat. by Obs 49-34  |
| 12 | 1 | 1 |          |        |          |  |
| 1  | 2 |   | S by S   | S E    |          |  |
| 2  | 2 |   |          |        |          |  |
| 3  | 2 |   |          |        |          |  |
| 4  | 2 |   |          |        |          |  |
| 5  | 2 |   | E by S   |        |          |  |
| 6  | 2 |   |          |        |          |  |
| 7  | 2 |   |          |        |          |  |
| 8  | 2 |   |          |        |          |  |
| 9  | 1 |   | E S E    | Varies |          |  |
| 10 | 1 |   |          |        |          |  |
| 11 | 1 |   |          |        |          |  |
| 12 | 0 |   |          |        |          |  |

| Courfe. | Dist. | Diff. lat. | Dep. | Lat. by D. R. | Variation. | M. Dist. | Diff. Long. | Long. in | Bear. & Dist. |
|---------|-------|------------|------|---------------|------------|----------|-------------|----------|---------------|
| N 6 W   | 38    | 0-38       | 4    | 49-32         | 2          |          | 0-6         | 8-11     | West          |

Out 27 Days

|    |   |   | from     |        |         |   | towards |
|----|---|---|----------|--------|---------|---|---------|
| H  | K | F | Courses. | Winds. | LEE-WAY | Remarks. Monday, November 30 <sup>th</sup>                    |         |
| 1  | 1 |   | East     | SSE    |         | This 24 hours comes in with light breeze and pleasant weather |         |
| 2  | 2 |   | E by S   |        |         |   |         |
| 3  | 2 |   | ESE      | South  |         |   |         |
| 4  | 2 |   | ESE      |        |         |   |         |
| 5  | 3 |   | ESE      |        |         | Middle part fresh breeze and pleasant weather                 |         |
| 6  | 3 |   |          |        |         |   |         |
| 7  | 1 |   | East     | E by S |         |   |         |
| 8  | 1 |   |          |        |         |   |         |
| 9  | 1 |   | E by S   |        |         | Evening with fresh breeze and light squalls                   |         |
| 10 | 1 |   |          |        |         |   |         |
| 11 | 1 |   |          |        |         |   |         |
| 12 | 1 |   |          |        |         |   |         |
| 1  | 1 |   | E by S   |        |         | Lat. by Obs. 50 = 19.5  |         |
| 2  | 1 |   |          |        |         |   |         |
| 3  | 1 |   | ESE      |        |         |   |         |
| 4  | 1 |   |          |        |         |   |         |
| 5  | 1 |   |          |        |         | Lat. by Obs. 50 = 19.5  |         |
| 6  | 1 |   |          |        |         |   |         |
| 7  | 1 |   | ESE      |        |         |   |         |
| 8  | 1 |   | E by S   |        |         |   |         |
| 9  | 1 |   | ESE      | ESE    |         | Lat. by Obs. 50 = 19.5  |         |
| 10 | 1 |   |          |        |         |   |         |
| 11 | 1 |   |          |        |         |   |         |
| 12 | 1 |   |          |        |         |   |         |

| Course. | Diff. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 536E    | 75    | 1-42       | 61   | 50-16        | 2          |          | 1-33        | 6:38     | West          |

| H  | K | F | Courses. | Winds. | LEE-WAY | Remarks. Tuesday December 1 <sup>st</sup>  |  |
|----|---|---|----------|--------|---------|--|--|
| 1  | 1 |   | E by S   | ESE    |         | This 24 hours comes in with squalls and a fine breeze at 4 forenoon had 8.5 pithons, five white, four large, shells & sail the fight |  |
| 2  | 1 |   |          |        |         |  |  |
| 3  | 1 |   | ESE      | East   |         |  |  |
| 4  | 1 |   | ESE      |        |         |  |  |
| 5  | 3 |   | E by S   |        |         | Middle part moderate breeze  |  |
| 6  | 3 |   |          |        |         |  |  |
| 7  | 3 |   | ESE      | ESE    |         |  |  |
| 8  | 3 |   |          |        |         |  |  |
| 9  | 3 |   |          |        |         | Evening with moderate breeze and cloudy weather, another sail the fight  |  |
| 10 | 3 |   |          |        |         |  |  |
| 11 | 3 |   | E by S   |        |         |  |  |
| 12 | 3 |   |          |        |         |  |  |
| 1  | 1 |   | E by S   |        |         | Lat. by Obs. 49 = 13.5   |  |
| 2  | 1 |   |          |        |         |  |  |
| 3  | 1 |   | ESE      |        |         |  |  |
| 4  | 1 |   |          |        |         |  |  |
| 5  | 3 |   |          |        |         | Lat. by Obs. 49 = 13.5   |  |
| 6  | 3 |   |          |        |         |  |  |
| 7  | 3 |   |          |        |         |  |  |
| 8  | 3 |   |          |        |         |  |  |
| 9  | 2 | 1 | ESE      | E by S |         | Lat. by Obs. 49 = 13.5   |  |
| 10 | 2 | 1 | E by S   |        |         |  |  |
| 11 | 1 |   |          |        |         |  |  |
| 12 | 1 |   |          |        |         |  |  |

| Course. | Diff. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|---------|-------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 568E    | 78    | 1-30       | 72   | 49-49        | 2          |          | 1-35        | 4:31     | West          |



from

towards

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks  |
|----|---|---|----------|--------|----------|--|
| 1  | 0 |   |          |        |          | <i>This 25 hours comes in with light air and pleasant weather at 1 P.M. a French Privateer comes on and treats us very politely indeed</i>     |
| 2  | 1 |   |          |        |          |  |
| 3  | 1 |   |          |        |          |  |
| 4  | 1 |   |          |        |          |  |
| 5  | 0 |   |          |        |          |  |
| 6  | 0 |   |          |        |          |  |
| 7  | 0 |   |          |        |          |  |
| 8  | 0 |   |          |        |          |  |
| 9  | 0 |   |          |        |          |  |
| 10 | 0 |   |          |        |          |  |
| 11 | 1 |   |          |        |          |  |
| 12 | 1 |   |          |        |          |  |
| 1  | 2 |   |          |        |          | <i>Middle part moderate breeze</i><br><br><i>Ends with fine breeze and cloudy at midnight found 80 fathoms</i><br><i>Lat. by Obs - 19-10 N</i> |
| 2  | 2 |   |          |        |          |  |
| 3  | 2 |   |          |        |          |  |
| 4  | 2 |   |          |        |          |  |
| 5  | 3 |   |          |        |          |  |
| 6  | 3 |   |          |        |          |  |
| 7  | 3 |   |          |        |          |  |
| 8  | 3 |   |          |        |          |  |
| 9  | 4 |   |          |        |          |  |
| 10 | 4 |   |          |        |          |  |
| 11 | 1 |   |          |        |          |  |
| 12 | 1 |   |          |        |          |  |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks  |
|----|---|---|----------|--------|----------|--|
| 1  | 0 |   |          |        |          | <i>This 25 hours comes in with light air and pleasant weather at 1 P.M. a French Privateer comes on and treats us very politely indeed</i>     |
| 2  | 1 |   |          |        |          |  |
| 3  | 1 |   |          |        |          |  |
| 4  | 1 |   |          |        |          |  |
| 5  | 0 |   |          |        |          |  |
| 6  | 0 |   |          |        |          |  |
| 7  | 0 |   |          |        |          |  |
| 8  | 0 |   |          |        |          |  |
| 9  | 0 |   |          |        |          |  |
| 10 | 0 |   |          |        |          |  |
| 11 | 1 |   |          |        |          |  |
| 12 | 1 |   |          |        |          |  |
| 1  | 2 |   |          |        |          | <i>Middle part moderate breeze</i><br><br><i>Ends with fine breeze and cloudy at midnight found 80 fathoms</i><br><i>Lat. by Obs - 19-10 N</i> |
| 2  | 2 |   |          |        |          |  |
| 3  | 2 |   |          |        |          |  |
| 4  | 2 |   |          |        |          |  |
| 5  | 3 |   |          |        |          |  |
| 6  | 3 |   |          |        |          |  |
| 7  | 3 |   |          |        |          |  |
| 8  | 3 |   |          |        |          |  |
| 9  | 4 |   |          |        |          |  |
| 10 | 4 |   |          |        |          |  |
| 11 | 1 |   |          |        |          |  |
| 12 | 1 |   |          |        |          |  |

| Courfe. | Dir. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|---------|------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 180 E.  | 112  | 0-3        | 112  | 19-10        | 2          |          | 1-3         | 3-48     | 58°           |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks  |
|----|---|---|----------|--------|----------|--|
| 1  | 3 |   |          |        |          | <i>This 25 hours comes in with fine breeze and pleasant at 8 P.M. fair, tillly light Bearing E by V. &amp; Dist 3 Leagues at 12 tillly light bore &amp; 1/2 by 1/2 from Whig I take my Top.</i><br><br><i>Ends with moderate breeze and cloudy</i><br><i>Lat. by Obs 19-30 N</i> |
| 2  | 3 |   |          |        |          |  |
| 3  | 6 |   |          |        |          |  |
| 4  | 6 |   |          |        |          |  |
| 5  | 7 |   |          |        |          |  |
| 6  | 7 |   |          |        |          |  |
| 7  | 7 |   |          |        |          |  |
| 8  | 7 |   |          |        |          |  |
| 9  | 6 |   |          |        |          |  |
| 10 | 2 |   |          |        |          |  |
| 11 | 2 |   |          |        |          |  |
| 12 | 2 |   |          |        |          |  |
| 1  | 8 |   |          |        |          | <i>Ends with moderate breeze and cloudy</i><br><i>Lat. by Obs 19-30 N</i>  |
| 2  | 8 |   |          |        |          |  |
| 3  | 8 |   |          |        |          |  |
| 4  | 8 |   |          |        |          |  |
| 5  | 8 |   |          |        |          |  |
| 6  | 8 |   |          |        |          |  |
| 7  | 8 |   |          |        |          |  |
| 8  | 8 |   |          |        |          |  |
| 9  | 5 |   |          |        |          |  |
| 10 | 3 |   |          |        |          |  |
| 11 | 4 |   |          |        |          |  |
| 12 | 4 |   |          |        |          |  |

| H  | K | F | Courfes. | Winds. | LEE-WAY. | Remarks   |
|----|---|---|----------|--------|----------|---|
| 1  | 3 |   |          |        |          | <i>This 25 hours comes in with fine breeze and pleasant at 8 P.M. fair, tillly light Bearing E by V. &amp; Dist 3 Leagues at 12 tillly light bore &amp; 1/2 by 1/2 from Whig I take my Top.</i> |
| 2  | 3 |   |          |        |          |   |
| 3  | 6 |   |          |        |          |   |
| 4  | 6 |   |          |        |          |   |
| 5  | 7 |   |          |        |          |   |
| 6  | 7 |   |          |        |          |   |
| 7  | 7 |   |          |        |          |   |
| 8  | 7 |   |          |        |          |   |
| 9  | 6 |   |          |        |          |   |
| 10 | 2 |   |          |        |          |   |
| 11 | 2 |   |          |        |          |   |
| 12 | 2 |   |          |        |          |   |
| 1  | 8 |   |          |        |          | <i>Ends with moderate breeze and cloudy</i><br><i>Lat. by Obs 19-30 N</i>   |
| 2  | 8 |   |          |        |          |   |
| 3  | 8 |   |          |        |          |   |
| 4  | 8 |   |          |        |          |   |
| 5  | 8 |   |          |        |          |   |
| 6  | 8 |   |          |        |          |   |
| 7  | 8 |   |          |        |          |   |
| 8  | 8 |   |          |        |          |   |
| 9  | 5 |   |          |        |          |   |
| 10 | 3 |   |          |        |          |   |
| 11 | 4 |   |          |        |          |   |
| 12 | 4 |   |          |        |          |   |

| Courfe | Dir. | Diff. lat. | Dep. | Lat. by D.R. | Variation. | M. Diff. | Diff. Long. | Long. in | Bear. & Diff. |
|--------|------|------------|------|--------------|------------|----------|-------------|----------|---------------|
| 189 E  | 150  | 0-10       | 150  | 19-30        | 2 1/2      |          | 3-12        | 3-00     | West          |















